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EIGHT YEARS OF EPIDEMIC POLIOMYELITIS IN MONTANA.

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In 1915 there were reported in Montana 2 cases of epidemic poliomyelitis with 1 death. In 1916 there were reported 111 cases and 24 deaths, a morbidity rate of 24.2 and a mortality rate of 5.2 per 100,000 population. While these cases and deaths were reported from 12 counties, there occurred a distinct explosive outbreak with Yellowstone County and the city of Billings as foci, the majority of cases occurring within that county and in counties immediately surrounding the area of the outbreak, extending from Miles City, Custer County, on the east, to Livingston, Park County, on the west. Sporadic cases were reported in Cascade, Sheridan, and Toole Counties.

The first case to be diagnosed occurred July 11 at Pryor, an inland point on the Crow Indian Reservation in Big Horn County, 25 miles south of Billings and 18 miles east of the nearest railroad point, Fromberg, in Carbon County. There was a history of previous visits and railway travel by Indian citizens of the reservation to both Fromberg and Billings. While difference of opinion existed as to the original source of the outbreak, the pandemic prevalence of the disease in Eastern States, beginning in May, 1916, suggests the source, and a large exodus of carriers from the eastern infected areas indicates the probable means of transmission to the Montana districts attacked.

The area immediately surrounding Billings and extending into that portion of Carbon County adjoining the Crow Reservation 50 miles southwest of Billings, suffered most. Seventeen cases and 3 deaths were reported among Indians at Pryor (see article by J. A. Murphy, Medical Supervisor U. S. I. D., Jour. Am. Med. Assn., vol. 67, No. 17, October 21, 1916, p. 1247).

Since the abortive type of the disease was not generally recognized, and it was the rule to report only those cases manifesting frank paralysis, it may be assumed that the number of cases reported reflects a minority of the actual infections occurring. At any rate,

surveys made in later years to discover the actual number of crippled children in Montana counties reveals a surprising number of paralyses referable to that year, many of which received no medical attention. It is difficult to estimate the actual number of all types of cases occurring in 1916; but it is safe to admit that probably not more than 20 to 25 per cent were detected and reported. In this event the actual fatality rate of 21.6 would be materially reduced.

The annual prevalence of epidemic poliomyelitis during the following years is given in Table I. The morbidity and mortality rates are rates per 100,000 population; the fatality rate is the percentage of cases terminating fatally.

TABLE I.—*Prevalence of poliomyelitis in Montana, 1917–1922.*

Year.	Number of counties reporting.	Number of cases.	Number of deaths.	Morbidity rate.	Mortality rate.	Fatality rate.
1917	10	37	8	7.8	1.6	21.6
1918	7	8	7	1.6	1.3	87.5
1919	8	9	3	1.8	.6	33.3
1920	12	27	5	4.8	.9	18.5
1921	16	26	3	4.5	.5	11.5
1922	7	48	7	8.1	1.2	14.5

During the period 1917 to 1921, inclusive, all cases were sporadic and widely distributed, with only two exceptions:

(1) Of the 37 cases and eight deaths occurring in 1917, distributed in 10 counties, 12 cases and two deaths occurred in Cascade County, with the city of Great Falls as a focus. The fatality rate in this outbreak was 16.7 per cent as compared with the general State rate of 21.6.

(2) Of the 27 cases and five deaths occurring in 1920, 9 cases and three deaths occurred in Ravalli County, with the city of Hamilton as a focus. In this little outbreak the fatality rate was 33.3 per cent, as compared with a general State average of 18.5. However, the number of cases reported from Hamilton covers only those with frank paralysis. Investigation indicated a large number of cases of the abortive type, approximating 80 to 100. In fact, a general epidemic of so-called "bilious attacks," "la grippe," "colds," and "tonsillitis" occurred among both children and young adults during the period in which 9 cases of poliomyelitis were reported; and several of these 9 patients gave history of recent previous contact with apparently harmless "colds (?)." An unusual feature of this outbreak was its appearance in late September, October, and November, months in which early winter weather occurred.

During this entire period (1917–1921) only one case of poliomyelitis was reported in Yellowstone County (1 case in 1921); but in 1922 it again became an epidemic focus.

Of the 48 cases and seven deaths occurring in 1922, 42 cases and four deaths occurred in Yellowstone County—34 cases and four deaths in the city of Billings, and 8 cases with no deaths in the rural area immediately adjacent. Cases occurred in other counties as follows: Sweet Grass, 1 in January; Flathead, 1 in February; Wheatland, 1 in May; Rosebud, 1 in August; Wibaux, 1 in August; Stillwater, 1 in September.

The first case in Yellowstone County occurred January 6. No more cases appeared until July 14. The cases occurred, by months, as follows: January, 1 case; July, 6 cases; August, 26 cases; September, 9 cases.

The last case appeared September 15. Table III gives a brief history of these 42 cases. Interest is attached through the fact that the antipoliomyelitic serum advocated by Dr. E. C. Rosenow was used in the treatment of a large group of cases.

Analysis reveals that of the 42 cases, 10, or 23.8 per cent, were diagnosed as abortive types; 25, or 59.5 per cent, were afflicted with frank paralyses; and 7, or 16.7 per cent, were of the bulbar types. From footnotes it may be observed that 15 other persons gave a history of having had abortive attacks; and it was freely admitted that many persons in immediate neighborhoods where the disease occurred were afflicted with symptoms suggestive of abortive poliomyelitis.

The results of treatment of the 42 known cases is given in Table II.

TABLE II.—*Results of treatment of 42 cases in Yellowstone County.*

Type of disease.	Treated.		Complete recovery.		Paralysis remaining.		Died.	
	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)
Abortive	8	2	8	2	0	0	0	0
Paralytic	22	3	13	1	9	2	0	0
Bulbar	5	2	1	0	2	0	2	2
Total	35	7	22	3	11	2	2	2
Per cent	83.3	16.7	c 62.9	d 42.8	c 31.4	d 28.6	c 5.7	d 28.6

a Treated by serum.
b Treated symptomatically.
c Percentage of 35 cases treated by serum.
d Percentage of 7 cases treated symptomatically.

Since a large number of abortive cases occurred which received no treatment and which can not be computed, it is only fair to omit all abortive cases from the tabulation. In this event we find that of the 27 cases of the paralytic or bulbar types treated by serum, 52.9 per cent made complete recoveries, 40.7 per cent have paralysis remaining, and 7.4 per cent died. Of the 5 cases treated symptomatically, 20 per cent made complete recovery, 40 per cent have paralysis remaining, and 40 per cent died.

Because of the small number of cases in each group and especially in the group not receiving serum, conclusions are difficult; but on the face of the data it might appear that the use of serum is advantageous. In several instances it was noted that following spinal puncture for the purpose of diagnosis, improvement began immediately, even before the administration of serum. The possibility of relief afforded by spinal puncture should be eliminated as a factor if curative value of serum is to be finally determined.

CONCLUSIONS.

(1) The study of poliomyelitis in Montana indicates that the disease does not originate without previous contact with infected individuals. These infected persons may be only (*a*) immune carriers, (*b*) sufferers of mild or abortive attacks, or (*c*) recognized cases.

(2) With exception of a few cases in isolated rural areas, outbreaks tend to occur along principal interstate and intrastate travel routes.

(3) Considerable distances between Montana cities afford some natural protection against rapid spread of the disease.

(4) Without large, congested population centers, little opportunity is afforded for acquisition of immunity by contact with mild infections. Rapid spread and a fatality rate higher than usual may ordinarily be expected in isolated communities when infection is introduced.

(5) Isolation or quarantine control measures are clearly ineffective without a common knowledge of the importance of recognition of the mild and abortive type cases.

(6) The value of antipoliomyelitic serum is regarded as neither proved or unproved. Its use appears to be without harmful results, of possible advantage, and apparently worthy of further administration and study.

TABLE III.—*Brief history of 42 cases of poliomyelitis occurring in Yellowstone County and city of Billings, Mont., 1922.*

No. of patient.	Age.	Sex.	Attending physician.	Date of Onset.	Type of disease.	Distribution of paralysis.	Treatment.	Termination or status on Nov. 30.
1	3 years	F.	James Wernham, Billings	Jan. 6	Frank	Left leg, below knee	Symptomatic	Complete recovery.
2	19 months	F.	Fred B. Clarke, Billings	July 14	do	Incomplete; both legs. Deltoid reflexes absent.	Serum	Shoulder muscles recovered; still unable to stand.
3	18 months	F.	F. L. Arnold, Billings	July 17	Abortive	None	Symptomatic	Complete recovery.
[1] 4	5 years	M.	do	July 18	Frank	Both deltoids; both legs	Serum	Deltoids still weak; slight paralysis of legs remains.
5	10 months	F.	F. B. Clarke, Billings	July 19	do	Lumbar muscles	do	Recovery seems complete.
6	3 years	M.	R. C. Main, Billings	July 29	do	Both legs	do	Legs still involved.
7	18 months	F.	F. L. Arnold, Billings	do	Abortive	None. Diagnosis on spinal fluid findings.	Symptomatic	Complete recovery.
[2] 8	3 years	F.	do	Aug. 1	Frank	Cervical lumbar; both legs	Serum	Noticeable dragging one foot, when fatigued only.
[3] 9	9 years	M.	J. I. Wernham, Billings	Aug. 5	do	Right leg, right arm	do	Slight paralysis remains.
10	5 years	M.	C. V. Greusel, Billings	Aug. 6	Frank (diagnosis established on spinal puncture).	Both legs; opisthotonous	do	Complete recovery.
[4] 11	do	M.	F. B. Clarke, Billings	Aug. 7	Bulbar	Throat; respiratory	do	Died Aug. 10.
12	18 months	F.	do	Aug. 8	Abortive	None	do	Complete recovery.
13	6 years	M.	E. G. Balsam, Billings	Aug. 10	Frank	Toe drop	Serum (8 or 10 days after onset).	Do.
14	3 years	M.	L. W. Allard, Billings	Aug. 13	do	Right quadriceps femoris	Symptomatic	Paralysis remaining; unable to walk.
15	do	M.	T. M. Moore, Billings	do	Bulbar	Throat; respiratory	do	Died Aug. 13.
16	13 months	F.	C. V. Greusel, Billings	Aug. 14	Frank	Cervical only	Serum	Complete recovery.
[5] 17	8 years	M.	R. J. Hanley, Billings	do	Abortive	None	do	Do.
18	10 years	F.	do	Aug. 16	Frank	Both legs; both arms	do	Unable to learn (classified as recovered).
19	18 years	F.	A. J. Movious, Billings	do	Bulbar	Throat and respiratory (pregnancy complicating).	Symptomatic	Died Aug. 19.
20	do	F.	F. H. Clark, Billings	do	do	Cervical; both shoulders and arms; right leg.	Serum	Shoulders still involved. (A neurasthenic case; exact involvement difficult to determine.)
21	2 years	M.	J. H. Breidenbaugh, Billings	Aug. 17	Frank	Seventh nerve, left side	do	Complete recovery.
[6] 22	4 years	M.	R. J. Henley, Billings	Aug. 19	do	Cervical, legs	do	Do.
[7] 23	1 year	M.	F. B. Clarke, Billings	Aug. 20	do	None. Opisthotonous loss of reflexes; fever.	do	Do.

[1] Cases 3 and 4 were brother and sister. In addition, another sister, aged 4, and a cousin, aged 2, on same premises, had abortive attacks.
[2] Sister of case 7.
[3] Two other children suffered from abortive attacks in previous two weeks.
[4] Played with cases 7 and 8.
[5] Cases 17 and 18 brother and sister. Physician comments that all children in neighborhood have been ill.
[6] Four sisters, aged 1, 5, 9, and 10, had fever, headache, vomiting, and diarrhea, but no paralysis.
[7] Associated with case 10 on Aug. 6.

TABLE III.—*Brief history of 42 cases of poliomyelitis occurring in Yellowstone County and city of Billings, Mont., 1922*—Continued.

No. of patient.	Age.	Sex.	Attending physician.	Date of Onset.	Type of disease.	Distribution of paralysis.	Treatment.	Termination or status on Nov. 30.
24	11 months	M.	F. B. Clarke, Billings	Aug. 21	Abortive	None	Serum	Complete recovery.
25	11 years	F.	do	do	do	None. Knee reflex absent	do	Do.
26	18 years	F.	do	Aug. 22	Frank (pregnancy complicating)	None. Diagnosis made on spinal fluid findings.	Serum (70 c. c.)	Complete recovery (without abortion).
27	20 months	M.	F. L. Arnold, Billings	do	Frank	Right leg; left shoulder	Serum (30 c. c.)	Complete recovery.
[8] 28	5 years	M.	E. W. Theurer, Billings	Aug. 25	Abortive	None	Serum (on day of onset)	Do.
[9] 29	7 years	F.	J. H. Briedenbaugh, Billings	do	Bulbar	Dysphagia—loss of speech	Serum	Dysphagia remains.
30	3 years	M.	F. L. Arnold, Billings	do	Frank	Left arm, also right foot, following administration of serum.	do	Complete recovery
31	do	F.	J. Chapple, Billings	Aug. 27	do	Both deltoids, right leg	do	Difficulty in walking and standing persists.
32	5 years	M.	F. B. Clarke, Billings	Aug. 29	Abortive	None	do	Complete recovery.
[10] 33	2 years	M.	F. L. Arnold, Billings	Aug. 30	Frank	Right leg	do	Do.
[11] 34	9 years	M.	J. H. Wernham, Billings	Sept. 1	do	Both anterior tibia	do	Residual paralysis; toe drag.
35	12 years	M.	J. I. Wernham, Billings	Sept. 2	Abortive	None	do	Complete recovery.
36	16 years	M.	F. B. Clarke, Billings	Sept. 5	Frank	Both legs	do	Still unable to walk.
37	2½ years	F.	E. M. Farr, Billings	Sept. 10	do	Right quadriceps femoris	Symtomatic	Toe drag when fatigued.
38	12 years	F.	A. J. Movious, Billings	Sept. 12	Bulbar	Throat and respiratory	Serum (large doses)	Died Sept. 14.
39	4 years	M.	F. L. Arnold, Billings	do	do	Pharyngeal	Serum	Complete recovery.
[12] 40	2 years	M.	do	do	Abortive	None	do	Do.
[13] 41	7 years	F.	W. J. Robb, Broadview	Sept. 14	Frank	Left leg	Serum (on seventh day).	Toe drag and limp remain.
42	9 months	M.	L. W. Allard, Billings	Sept. 15	do	None. Diagnosis on spinal fluid; loss of knee reflex; opisthotonous.	Serum	Complete recovery.

[8] See case 23.
[9] Mother had tonsillitis Aug. 12 to 20.
[10] Lived in same residence with case 30.
[11] Two brothers had abortive attacks on Aug. 10; a sister on Aug. 23.
[12] See case 39.
[13] Physician comments: "A male, aged 9, and two females, aged 15 and 17, had attacks of la grippe (?) lasting two days while Verna (41) was ill."

INFLUENZA IN THE UNITED STATES.

The following table shows the number of cases of influenza reported by State health officers for the weeks ended January 13 and January 20, 1923, compared with similar reports for the corresponding weeks of the years 1922, 1921, and 1920.

Similar tables covering the period from October 1, 1922, to January 6, 1923, were published in the Public Health Reports December 29, 1922, page 3204, and January 12, 1923, page 64.

Cases of influenza reported weekly by telegraph by State health officers, January 7 to January 20, 1923 (inclusive), and corresponding weeks of 1922, 1921, and 1920.

State and year.	Second week.	Third week.
New England Division:		
Maine—		
1923	6	4
1922	9	18
1921	6	14
1920	1	4
Massachusetts—		
1923	162	138
1922	12	18
1921	63	39
1920	40	54
Connecticut—		
1923	50	43
1922	7	9
1921	14	13
1920	1	14
Middle Atlantic Division:		
New York (exclusive of New York City)—		
1923	187	212
1922	48	80
1921	109	96
1920	31	61
New York City—		
1923	143	169
1922	57	110
1921	78	84
1920	384	5,690
New Jersey—		
1923	49	47
1922	36	40
1921	26	22
1920	23	98
East North Central Division:		
Illinois—		
1923	87	168
1922	49	38
1921	18	270
1920	73	3,251
Wisconsin—		
1923	47	69
1922	17	59
1921	81	44
1920	3	67
West North Central Division:		
Minnesota—		
1923	.....	1
1922	2	.....
1921	.....	1
Missouri—		
1923	472	808
1922	26	8
1921	48	40
Nebraska—		
1923	39	23
1921	4	1
1920	2	1
West North Central Division—Con.		
Kansas—		
1923	14	38
1922	23	88
1921	9	13
1920	17	(1)
South Atlantic Division:		
Delaware—		
1923	25	.....
1922	.....	5
1921	12	12
1920	1	.....
Maryland—		
1923	318	547
1922	40	52
1921	79	82
District of Columbia—		
1923	26	67
1922	3	[2] 6
1921	2	2
West Virginia—		
1923	188	285
South Carolina—		
1923	1,842	(1)
Georgia—		
1923	885	744
1922	19	52
1921	24	26
1920	27	27
Florida—		
1923	87	71
1922	6	21
1921	3	4
1920	2	10
East South Central Division:		
Kentucky—		
1923	958	(1)
1922	25	[3] 35
1921	(1)	40
1920	45	75
Alabama—		
1923	2,152	1,181
1922	.....	5
Mississippi—		
1923	2,550	7,443
West South Central Division:		
Arkansas—		
1923	875	3,446
1922	40	64
1921	78	75
1920	35	53
Louisiana—		
1923	12	54
1922	8	4
1920	52	27
Texas—		
1923	76	.....
1922	.....	5
1921	24	.....

[1] No report.
[2] Eleven cases reported for two weeks ending Jan. 28.
[3] Sixty-nine cases reported for two weeks ending Jan. 28.

Cases of influenza reported weekly by telegraph by State health officers, January 7 to January 20, 1923 (inclusive), and corresponding weeks of 1922, 1921, and 1920—Contd.

State and year.	Second week.	Third week.	State and year.	Second week.	Third week.
Mountain Division:			Pacific Division:		
Colorado—			California—		
1923	1	.....	1923	42	139
1922	.....	3	1922	.....	28
New Mexico—			1921	23	30
1923	36	11	1920	24	264
1922	.....	1			
1920	8	4			

FREE DENTAL DISPENSARY FOR DESTITUTE SCHOOL CHILDREN AT CIENFUEGOS, CUBA.

American Consul Frank Bohr, at Cienfuegos, Cuba, reports under date of December 30, 1922, as follows:

Through the initiative of the Rotary Club of Cienfuegos, provision has been made for the establishment of a free dental dispensary for the destitute school children of this city, and it is understood that prices have been requested from dental supply houses in the United States on the necessary equipment and supplies for clinics of one and two operating dentists. A number of the local dentists have also generously offered their services gratis in order that the children of the poorer classes may have the opportunity of properly caring for their teeth, and also that all classes may likewise be duly impressed with the importance of such care.

MORTALITY FROM TYPHOID, TUBERCULOSIS, AND PNEUMONIA IN 43 LARGE CITIES, 1922.

The provisional death rate for 62 large cities (27,500,000 population) for 1922 was given by the Bureau of the Census[1] as 12.5 per 1,000, second only to the record low rate, 12.1, for the same cities in 1921.

The following summary for 43 cities, by certain causes, shows a typhoid fever death rate of 3.1 per 100,000 population in 1922 against a rate of 3.6 in 1921. The highest rate shown for 1922 is 16.7, for Nashville, Tenn., and the lowest rate is zero, for New Bedford, Mass., and Providence, R. I., in which places no deaths from typhoid fever occurred during the year.

For tuberculosis (all forms) the rate for 1922 was 99.7 per 100,000 population as against 104.5 in 1921.

For pneumonia (all forms) the rate for 1922 was 137.8 as against 106.7 in 1921.

[1] Public Health Reports, vol. 38, No. 3, Jan. 19, 1923, p. 104

Mortality summary for the 43 cities which reported each week during the year 1922, the deaths from typhoid fever, tuberculosis (all forms), pneumonia (all forms), and violence, and comparison with 1921.

[From the Weekly Health Index, Bureau of the Census, Jan. 13, 1923.]

City.		Typhoid fever.		Tuberculosis (all forms).		Pneumonia (all forms).[1]		Violence.	
		Number of deaths.[2]	Annual rate.[3]	Number of deaths.[2]	Annual rate.[3]	Number of deaths.[2]	Annual rate.[3]	Number of deaths.[2]	Annual rate.[3]
Total	1922	733	3.1	23,628	99.7	32,667	137.8	21,048	88.8
	1921	853	3.6	24,449	104.5	24,951	106.7	21,618	92.4
Akron, Ohio	1922	4	1.9	75	36.1	205	98.6	86	41.4
	1921	13	6.2	98	47.0	156	74.8	202	96.9
Atlanta, Ga	1922	24	10.9	246	112.1	437	199.1	309	140.8
	1921	29	14.0	247	119.1	234	112.8	306	147.5
Baltimore, Md	1922	30	3.9	989	130.1	1,092	143.7	684	90.0
	1921	40	5.3	1,047	139.4	950	126.5	680	90.6
Birmingham, Ala	1922	23	12.1	263	138.1	273	143.3	276	144.9
	1921	34	18.3	270	145.1	243	130.6	295	158.5
Boston, Mass	1922	12	1.6	837	109.9	1,245	163.4	726	95.3
	1921	24	3.2	882	116.4	943	124.5	701	92.5
Bridgeport, Conn	1922	1	0.7	121	84.5	201	140.4	113	78.9
	1921	4	2.8	142	98.9	141	98.2	113	78.7
Chicago, Ill	1922	31	1.1	2,191	77.5	2,629	93.0	2,801	99.1
	1921	34	1.2	2,362	84.9	2,411	86.7	2,825	101.6
Cincinnati, Ohio	1922	12	3.0	585	144.9	509	126.1	382	94.6
	1921	15	3.7	616	152.7	410	101.6	432	107.1
Cleveland, Ohio	1922	17	2.0	791	92.8	912	107.0	712	83.5
	1921	28	3.4	813	97.8	748	90.0	730	87.8
Dallas, Tex	1922	9	5.2	152	88.6	194	113.1	192	112.0
	1921	21	12.7	144	87.1	122	73.8	194	117.4
Dayton, Ohio	1922	5	3.1	121	75.0	155	96.0	139	86.1
	1921	8	5.1	142	89.8	80	50.6	127	80.3
Denver, Colo	1922	15	5.6	586	219.6	508	190.4	261	97.8
	1921	12	4.6	577	219.3	414	157.3	241	91.6
Detroit, Mich	1922	49	4.9	937	94.6	1,359	137.1	732	73.9
	1921	57	5.7	893	89.9	901	90.7	815	82.0
Fall River, Mass	1922	4	3.3	131	108.8	221	183.5	109	90.5
	1921	3	2.5	117	97.0	175	145.0	81	67.1
Grand Rapids, Mich	1922	3	2.1	77	53.8	104	72.6	95	66.4
	1921	6	4.2	90	63.7	81	57.4	94	66.6
Indianapolis, Ind	1922	20	6.0	306	92.1	524	157.7	290	87.3
	1921	23	7.1	406	124.7	286	87.8	258	79.2
Los Angeles, Calif	1922	25	3.9	1,164	183.8	754	119.1	771	121.8
	1921	16	2.6	1,057	173.3	435	71.3	741	121.5
Louisville, Ky	1922	17	6.6	304	118.7	408	159.3	228	89.0
	1921	18	7.6	311	131.7	226	95.7	259	109.7
Lowell, Mass	1922	7	6.1	104	91.1	156	136.7	71	62.2
	1921	6	5.3	94	82.6	138	121.3	102	89.7
Milwaukee, Wis	1922	14	2.9	293	61.6	466	98.0	311	65.4
	1921	9	1.9	328	69.9	370	78.9	337	71.8
Minneapolis, Minn	1922	8	2.0	305	76.3	318	79.5	324	81.0
	1921	5	1.3	333	84.8	347	88.3	352	89.6
Nashville, Tenn	1922	20	16.7	177	147.5	194	161.7	114	95.0
	1921	26	21.3	194	159.0	147	120.5	166	136.0
New Bedford, Mass	1922	.....	.....	135	106.1	217	170.6	53	41.7
	1921	5	4.0	155	124.0	132	105.6	68	54.4
New Haven, Conn	1922	9	5.3	98	57.8	345	203.5	141	83.2
	1921	8	4.8	135	80.8	165	98.8	157	94.0
New York, N. Y	1922	129	2.2	5,792	99.5	8,807	151.2	4,767	81.9
	1921	127	2.2	5,994	104.2	6,654	115.7	4,656	80.9
Newark, N. J	1922	12	2.8	421	97.8	557	129.4	325	75.5
	1921	12	2.8	345	81.2	352	82.8	381	89.7
Norfolk, Va	1922	8	6.4	136	109.2	144	115.6	54	43.3
	1921	12	9.9	128	105.6	113	93.2	156	128.6
Oakland, Calif	1922	6	2.6	157	67.5	218	93.7	145	62.3
	1921	2	0.9	166	73.3	149	65.8	202	89.2
Paterson, N. J	1922	3	2.2	144	104.2	246	178.1	89	64.4
	1921	8	5.8	140	101.8	164	119.3	146	106.2
Philadelphia, Pa	1922	52	2.8	2,141	113.3	2,710	143.4	1,670	88.4
	1921	45	2.4	2,159	115.7	2,327	124.7	1,496	80.2
Pittsburgh, Pa	1922	29	4.8	553	91.2	1,706	281.4	656	108.2
	1921	27	4.5	617	102.4	1,532	254.3	681	113.0

[1] Pneumonia (all forms) for 1921 includes capillary bronchitis and excludes lobar pneumonia with influenza.

[2] Deaths for 1921 are those that occurred in the calendar year. Deaths for 1922 are those reported in the 52 weeks.

[3] Annual rate per 100,000 population. Allowance has been made in 1922 for the extra day which must be added to the 52 weeks to give a period of 365 days.

Mortality summary for the 43 cities which reported each week during the year 1922, the deaths from typhoid fever, tuberculosis (all forms), pneumonia (all forms), and violence, and comparison with 1921—Continued.

City.		Typhoid fever.		Tuberculosis (all forms).		Pneumonia (all forms).		Violence.	
		Number of deaths.	Annual rate.	Number of deaths.	Annual rate.	Number of deaths.	Annual rate.	Number of deaths.	Annual rate.
Portland, Oreg.	1922	8	3.0	161	60.0	277	103.2	224	83.4
	1921	7	2.6	170	64.2	186	70.2	252	95.1
Providence, R. I.	1922	.....	.....	191	79.5	360	149.8	217	90.3
	1921	8	3.3	235	98.1	282	117.7	205	85.5
St. Louis, Mo.	1922	35	4.4	683	86.1	1,477	186.3	765	96.5
	1921	34	4.3	687	87.4	979	124.5	777	98.8
St. Paul, Minn.	1922	6	2.5	194	81.1	246	102.9	188	78.6
	1921	18	7.6	235	98.8	158	66.4	222	93.4
Salt Lake City, Utah	1922	4	3.2	83	67.2	209	169.1	124	100.3
	1921	7	5.8	75	61.7	101	83.1	120	98.7
San Francisco, Calif.	1922	12	2.3	614	116.2	627	118.7	568	107.5
	1921	21	4.0	648	124.5	474	91.1	697	133.9
Seattle, Wash.	1922	10	3.2	225	71.6	232	73.8	268	85.2
	1921	7	2.2	223	70.7	159	50.4	267	84.7
Spokane, Wash.	1922	5	4.8	52	49.9	123	118.1	85	81.6
	1921	5	4.8	67	64.2	124	118.7	114	109.2
Syracuse, N. Y.	1922	3	1.7	84	46.5	194	107.5	136	75.3
	1921	7	3.9	124	69.9	147	82.8	154	86.8
Toledo, Ohio.	1922	16	6.2	268	103.1	234	90.0	233	89.6
	1921	22	8.7	318	125.3	167	65.8	269	106.0
Trenton, N. J.	1922	15	12.0	176	141.1	240	192.4	135	108.2
	1921	11	9.0	111	90.4	134	109.2	132	107.5
Washington, D. C.	1922	21	4.8	565	129.5	634	145.3	[4] 479	109.8
	1921	29	6.6	554	126.6	494	112.9	415	94.8

[4] Fall of theater roof, Jan. 28, 1922, caused 97 deaths.

MORTALITY SUMMARY, INDUSTRIAL INSURANCE COMPANIES, 1920, 1921, 1922.

Summary of the mortality experience of industrial insurance companies for 1920, 1921, and 1922.

[From the Weekly Health Index, Jan. 13, 1923, issued by the Bureau of the Census.]

Year.	Average number of policies in force.	Average number of death claims for year.	Number of death claims per 1,000 policies in force (annual rate).
1922	49,876,490	[1] 461,129	9.2
1921	46,941,971	[1] 420,581	9.0
1920	43,912,874	[2] 445,059	10.2

[1] Allowance has been made for the extra day which must be added to the 52 weeks to give a period of 365 days.

[2] Allowance has been made for the 5 extra days which must be deducted from the 53 weeks to make a period of 366 days.

DEATH RATES IN A GROUP OF INSURED PERSONS.

COMPARISON OF DEATH RATES FOR PRINCIPAL CAUSES, OCTOBER AND NOVEMBER, 1922, AND NOVEMBER AND YEAR, 1921.

The table below is taken from the Statistical Bulletin of the Metropolitan Life Insurance Co. for December, 1922, and presents the mortality experience of the company for October and November, 1922, and for November and year, 1921. The rates are based on a strength of approximately 14,000,000 insured persons.

Comparison of the rates for important causes of death, for November, 1922, with the same month of 1921, shows reductions in 1922 for diphtheria, scarlet fever, typhoid fever, and tuberculosis. The rates for organic heart disease, pneumonia, and Bright's disease are substantially the same for both years. Mortality from measles continued higher in 1922 than in 1921, but the 1921 record for this disease was the lowest in the experience of the company. Influenza mortality was also slightly higher for November, 1922.

Death rates (annual basis) for principal causes per 100,000 lives exposed, October and November, 1922, and November and year, 1921.

Cause of death.	Death rate per 100,000 lives exposed.			
	November, 1922.	October, 1922.	November, 1921.	Year, 1921.
Total, all causes	819.2	786.4	858.2	870.6
Typhoid fever	6.0	9.4	8.9	6.7
Measles	2.2	1.3	.7	3.2
Scarlet fever	4.1	3.9	5.7	7.0
Whooping cough	1.8	2.0	1.7	3.9
Diphtheria	25.2	19.4	31.5	23.8
Influenza	7.0	4.9	5.3	8.7
Tuberculosis (all forms)	90.6	101.4	97.7	117.4
Tuberculosis of respiratory system	82.5	91.5	88.7	105.6
Cancer	69.3	70.8	71.9	71.7
Cerebral hemorrhage	53.6	55.7	64.2	62.1
Organic diseases of heart	121.6	104.2	121.4	117.4
Pneumonia (all forms)	63.1	40.4	62.7	67.8
Other respiratory diseases	14.8	11.5	15.5	14.1
Diarrhea and enteritis	8.8	13.5	13.6	14.2
Bright's disease (chronic nephritis)	69.4	67.4	70.9	68.0
Puerperal state	15.3	16.2	16.7	19.8
Suicides	4.8	6.3	6.0	7.6
Homicides	5.5	7.4	6.5	6.7
Other external causes (excluding suicides and homicides)	60.2	54.0	52.8	57.6
Traumatism by automobile	15.2	15.3	13.9	12.2
All other causes	195.8	196.7	204.5	192.9

DEATHS DURING WEEK ENDED JANUARY 13, 1923.

Summary of information received by telegraph from industrial insurance companies for week ended January 13, 1923, and corresponding week of 1922.

[From the Weekly Health Index, Jan. 16, 1923, issued by the Bureau of the Census, Department of Commerce.]

	Week ended Jan. 13, 1923.	Corresponding week, 1922.
Policies in force	51,538,149	48,548,841
Number of death claims	11,550	10,240
Death claims per 1,000 policies in force, annual rate	11.7	11.0

Deaths from all causes in certain large cities of the United States during the week ended January 13, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922.

[From the Weekly Health Index, Jan. 16, 1923, issued by the Bureau of the Census, Department of Commerce.]

City.	Estimated population July 1, 1923.	Week ended Jan. 13, 1923.		Annual death rate per 1,000, corresponding week 1922.	Deaths under 1 year.		Infant mortality rate, week ended Jan. 13, 1923.[2]
		Total deaths.	Death rate.[1]		Week ended Jan. 13, 1923.	Corresponding week 1922.	
Total	28,893,091	8,348	15.1	13.6	1,117	938	.....
Akron, Ohio	[3] 208,435	32	8.0	6.8	4	0	47
Albany, N. Y	117,375	43	19.1	13.9	7	3	155
Atlanta, Ga	222,963	102	23.9	14.2	21	11	.....
Baltimore, Md	773,580	275	18.5	15.0	31	19	91
Birmingham, Ala	195,901	65	17.3	16.7	14	9	.....
Boston, Mass	770,400	265	17.9	15.2	33	20	95
Bridgeport, Conn	[3] 143,555	35	12.7	12.0	2	5	28
Buffalo, N. Y	536,718	157	15.3	13.6	16	18	67
Cambridge, Mass	111,444	30	14.0	14.6	2	4	36
Camden, N. J	124,157	37	15.5	12.0	9	3	149
Chicago, Ill	[4] 2,833,288	812	14.9	12.0	135	102	.....
Cincinnati, Ohio	406,312	157	20.1	17.4	14	10	92
Cleveland, Ohio	877,992	210	12.5	10.6	34	26	93
Columbus, Ohio	261,082	105	21.0	18.5	11	7	114
Dallas, Tex	177,274	45	13.2	16.7	7	9	.....
Dayton, Ohio	165,530	42	13.2	12.6	4	6	66
Denver, Colo	272,031	84	16.1	19.9	8	9	.....
Detroit, Mich	[3] 993,673	279	14.6	10.7	57	36	114
Duluth, Minn	106,289	16	7.8	.....	3	.....	68
Erie, Pa	112,571	31	14.4	11.9	4	7	81
Fall River, Mass	120,912	54	23.3	14.2	13	12	185
Flint, Mich	117,968	30	13.3	.....	5	.....	99
Fort Worth, Tex	125,021	29	12.1	9.1	6	2	.....
Grand Rapids, Mich	145,947	42	15.0	9.4	6	2	95
Houston, Tex	154,970	32	10.8	13.5	9	7	.....
Indianapolis, Ind	340,282	110	16.8	11.7	16	6	123
Jacksonville, Fla	100,046	33	17.2	.....	6	.....	.....
Jersey City, N. J	309,034	89	15.0	12.1	10	9	67
Kansas City, Kans	115,781	27	12.2	16.0	6	2	137
Kansas City, Mo	351,819	100	14.8	16.5	11	20	.....
Los Angeles, Calif	666,853	245	19.2	13.8	30	9	112
Louisville, Ky	257,671	89	18.0	17.9	14	5	151
Lowell, Mass	115,089	41	18.6	17.3	8	9	139
Lynn, Mass	102,683	28	14.2	.....	1	.....	26
Memphis, Tenn	170,067	70	21.5	21.1	4	8	.....
Milwaukee, Wis	484,595	121	13.0	9.8	16	11	79
Minneapolis, Minn	409,125	106	13.5	9.8	10	10	54
Nashville, Tenn	121,128	61	26.3	16.9	7	6	.....
New Bedford, Mass	130,072	35	14.0	8.6	5	4	74
New Haven, Conn	172,967	50	15.1	12.3	6	7	78
New Orleans, La	404,575	124	16.0	17.5	16	13	.....

[1] Annual rate per 1,000 population.
[2] Deaths under 1 year per 1,000 births—an annual rate based on deaths under 1 year for the week and estimated births for 1922. Cities left blank are not in the registration area for births.
[3] Enumerated population Jan. 1, 1923.
[4] Estimated population July 1, 1922.

Deaths from all causes in certain large cities of the United States during the week ended January 13, 1923, infant mortality, annual death rate, and comparison with corresponding week of 1922—Continued.

City.	Estimated population July 1, 1923.	Week ended Jan. 13, 1923.		Annual death rate per 1,000, corresponding week 1922.	Deaths under 1 year.		Infant mortality rate, week ended Jan. 13, 1923.
		Total deaths.	Death rate.		Week ended Jan. 13, 1923.	Corresponding week 1922.	
New York, N. Y.	5,927,625	1,430	12.6	13.2	184	196	74
Bronx Borough	840,544	166	10.3	10.5	22	10	77
Brooklyn Borough	2,156,687	466	11.3	12.6	55	87	58
Manhattan Borough	2,267,001	651	15.0	15.1	96	81	93
Queens Borough	535,844	114	11.1	11.0	5	18	27
Richmond Borough	127,549	33	13.5	15.9	6	0	109
Newark, N. J.	438,699	123	14.6	14.9	21	22	99
Norfolk, Va.	[4] 124,915	35	14.6	10.0	6	7	106
Oakland, Calif.	240,086	55	11.9	9.8	11	2	141
Omaha, Nebr.	204,382	66	16.8	12.5	8	8	87
Paterson, N. J.	139,579	46	17.2	14.7	6	6	96
Philadelphia, Pa.	1,922,788	729	19.8	15.6	91	72	118
Pittsburgh, Pa.	[4] 607,962	198	17.0	16.0	33	33	115
Portland, Oreg.	273,621	52	9.9	13.8	10	7	101
Providence, R. I.	242,378	81	17.4	16.0	14	12	114
Richmond, Va.	181,044	67	19.3	16.4	5	5	61
Rochester, N. Y.	317,867	64	10.5	10.0	12	6	95
St. Louis, Mo.	803,853	202	13.1	13.5	6	23	.....
St. Paul, Minn.	241,891	74	16.0	14.3	8	7	74
Salt Lake City, Utah	126,241	32	13.2	16.8	6	6	98
San Antonio, Tex.	184,727	44	12.4	.....	10	.....	.....
San Francisco, Calif.	539,038	153	14.8	15.6	10	8	60
Seattle, Wash.	[3] 315,312	59	9.8	10.1	7	11	62
Spokane, Wash.	104,573	24	12.0	15.5	1	3	22
Springfield, Mass.	144,227	33	11.9	10.8	1	5	14
Tacoma, Wash.	101,731	26	13.3	.....	1	.....	25
Toledo, Ohio	268,338	72	14.0	13.2	11	6	111
Trenton, N. J.	127,390	44	18.0	22.9	7	8	119
Washington, D. C.	[3] 437,571	163	19.4	15.8	12	21	69
Wilmington, Del.	117,728	41	18.2	12.2	4	3	81
Worcester, Mass.	191,927	58	15.8	13.0	9	6	101
Yonkers, N. Y.	107,520	19	9.2	11.9	0	3	0
Youngstown, Ohio	[3] 132,358	20	7.9	8.7	2	6	27

[3] Enumerated population Jan. 1, 1920.
[4] Estimated population July 1, 1922.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

CURRENT STATE SUMMARIES.

Reports for Week Ended January 20, 1923.

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

ALABAMA.

	Cases.
Chicken pox	81
Dengue	19
Diphtheria	9
Influenza	1,181
Malaria	13
Measles	30
Ophthalmia neonatorum	1
Pellagra	9
Pneumonia	213
Scarlet fever	21
Smallpox	1
Tetanus	1
Trachoma	2
Tuberculosis	37
Typhoid fever	13
Whooping cough	55

ARKANSAS.

Chicken pox	71
Diphtheria	5
Influenza	3,446
Malaria	13
Measles	13
Mumps	2
Paratyphoid fever	1
Pellagra	3
Pneumonia	5
Scarlet fever	2
Smallpox	8
Trachoma	1
Tuberculosis	16
Typhoid fever	10
Whooping cough	10

CALIFORNIA.

Anthrax—Colusa County	1
Diphtheria	145
Influenza	139

CALIFORNIA—continued.

Lethargic encephalitis:	Cases.
Salinas	1
San Francisco	4
Measles	87
Rabies in man—Orange County	1
Scarlet fever	128
Smallpox	14
Typhoid fever	14

COLORADO.

(Exclusive of Denver.)

Chicken pox	23
Diphtheria	26
Impetigo contagiosa	1
Measles	4
Mumps	2
Ophthalmia neonatorum	1
Pneumonia	10
Scarlet fever	81
Smallpox	2
Tuberculosis	10
Typhoid fever	3
Whooping cough	14

CONNECTICUT.

Cerebrospinal meningitis	1
Chicken pox	73
Diphtheria	52
German measles	6
Influenza	43
Measles	403
Mumps	13
Paratyphoid fever	5
Pneumonia (lobar)	45
Scarlet fever	95
Tuberculosis (all forms)	33
Typhoid fever	2
Typhus fever	1
Whooping cough	86

DISTRICT OF COLUMBIA.

	Cases.
Cerebrospinal meningitis	1
Chicken pox	42
Diphtheria	22
Influenza	67
Measles	40
Scarlet fever	30
Tuberculosis	27
Typhoid fever	1
Whooping cough	12

FLORIDA.

Dengue	5
Diphtheria	6
Influenza	71
Malaria	5
Pneumonia	8
Scarlet fever	4
Smallpox	22
Typhoid fever	14

GEORGIA.

Chicken pox	8
Dengue	2
Diphtheria	12
Hookworm disease	15
Influenza	744
Malaria	6
Measles	3
Mumps	7
Pellagra	1
Pneumonia	28
Scarlet fever	7
Septic sore throat	3
Smallpox	1
Tetanus	1
Tuberculosis (all forms)	6
Typhoid fever	3
Whooping cough	2

ILLINOIS.

Cerebrospinal meningitis:	
Douglas County	1
Hancock County	2
Sangamon County	1
Diphtheria:	
Cook County (including Chicago)	203
Chicago	182
Kane County	19
Sangamon County	10
Scattering	120
Influenza:	
Chicago	31
Scattering	137
Pneumonia	540
Poliomyelitis:	
Adams County	1
Crawford County	1
Massac County	1
Scarlet fever:	
Bureau County	9
Cook County (including Chicago)	123
Chicago	104
De Kalb County	10
Henry County	8
Kane County	9

ILLINOIS—continued.

	Cases.
Scarlet fever—Continued.	
McLean County	9
Macoupin County	10
Peoria County	22
Winnebago County	18
Scattering	147
Smallpox:	
Henry County	15
Lee County	11
Will County	33
Scattering	23
Typhoid fever	10
Whooping cough	225

INDIANA.

Cerebrospinal meningitis—White County	1
Diphtheria	156
Poliomyelitis—Spencer County	1
Scarlet fever	86
Smallpox	40
Typhoid fever	3

IOWA.

Diphtheria	53
Scarlet fever	103
Smallpox	9
Typhoid fever	1

KANSAS.

Cerebrospinal meningitis	1
Chicken pox	107
Diphtheria	110
Influenza	38
Measles	22
Mumps	21
Pneumonia	66
Scarlet fever	132
Smallpox	7
Trachoma	1
Tuberculosis	23
Typhoid fever	3
Whooping cough	26

LOUISIANA.

Dengue	2
Diphtheria	31
Influenza	54
Scarlet fever	4
Smallpox	20
Typhoid fever	23

MAINE.

Chicken pox	3
Conjunctivitis (infectious)	2
Diphtheria	5
German measles	4
Influenza	4
Measles	9
Pneumonia	8
Scarlet fever	86
Smallpox	2
Tetanus	1
Tuberculosis	7
Typhoid fever	1
Whooping cough	80

MARYLAND.[1]

	Cases.
Chicken pox	153
Diphtheria	74
German measles	4
Influenza	547
Lethargic encephalitis	1
Malaria	1
Measles	193
Mumps	51
Pneumonia (all forms)	193
Scarlet fever	84
Septic sore throat	1
Tetanus	1
Tuberculosis	47
Typhoid fever	3
Whooping cough	124

MASSACHUSETTS.

Anthrax	1
Cerebrospinal meningitis	3
Chicken pox	224
Conjunctivitis (suppurative)	8
Diphtheria	177
German measles	10
Influenza	138
Lethargic encephalitis	3
Measles	892
Mumps	207
Ophthalmia neonatorum	16
Pneumonia (lobar)	190
Poliomyelitis	2
Scarlet fever	239
Septic sore throat	6
Tuberculosis	135
Typhoid fever	17
Whooping cough	363

MICHIGAN.

Diphtheria	218
Measles	109
Pneumonia	261
Scarlet fever	376
Smallpox	40
Tuberculosis	237
Typhoid fever	12
Whooping cough	198

MINNESOTA.

Chicken pox	46
Diphtheria	104
Influenza	1
Lethargic encephalitis	4
Measles	177
Pneumonia	9
Scarlet fever	250
Smallpox	100
Tuberculosis	75
Typhoid fever	5
Whooping cough	6

MISSISSIPPI.

Cerebrospinal meningitis	1
Diphtheria	18
Influenza	7,443
Scarlet fever	3
Smallpox	3
Typhoid fever	7

[1] Week ended Friday.

MISSOURI.

	Cases.
Anthrax	1
Chicken pox	25
Diphtheria	40
Epidemic sore throat	7
Influenza	808
Measles	5
Mumps	18
Ophthalmia neonatorum	1
Pneumonia	17
Scarlet fever	72
Smallpox	5
Tuberculosis	10
Typhoid fever	4
Whooping cough	10

MONTANA.

Diphtheria	9
Scarlet fever	11
Smallpox	8
Typhoid fever	2

NEBRASKA.

Cerebrospinal meningitis:	
Washington County	2
Chicken pox	34
Diphtheria:	
Omaha	12
Scattering	18
Influenza	23
Measles	1
Mumps	8
Pneumonia	3
Scarlet fever	42
Smallpox	4
Tuberculosis	1
Typhoid fever	4
Whooping cough	3

NEW JERSEY.

Chicken pox	220
Diphtheria	186
Influenza	47
Measles	1,142
Pneumonia	211
Scarlet fever	187
Typhoid fever	5
Whooping cough	132

NEW MEXICO.

Chicken pox	9
Diphtheria	35
Influenza	11
Measles	3
Mumps	3
Pneumonia	14
Scarlet fever	15
Smallpox	17
Tuberculosis	24
Typhoid fever	11
Whooping cough	1

NEW YORK.

(Exclusive of New York City.)

Cerebrospinal meningitis	2
Diphtheria	157
Influenza	212

NEW YORK—continued.

	Cases.
Measles	482
Pneumonia	389
Poliomyelitis	3
Scarlet fever	312
Smallpox	25
Typhoid fever	15
Whooping cough	345

NORTH CAROLINA.

Chicken pox	160
Diphtheria	70
German measles	2
Measles	334
Scarlet fever	51
Septic sore throat	4
Smallpox	93
Typhoid fever	8
Whooping cough	235

OREGON.

Chicken pox	10
Diphtheria:	
Portland	13
Scattering	4
Influenza	[1] 2
Lethargic encephalitis	6
Measles	6
Mumps	2
Pneumonia	[1] 5
Scarlet fever	22
Smallpox:	
Portland	13
Scattering	14
Tuberculosis	24
Typhoid fever	2
Whooping cough	3

SOUTH DAKOTA.

Chicken pox	20
Diphtheria	18
Measles	3
Pneumonia	17
Scarlet fever	41
Smallpox	71
Tuberculosis	2
Typhoid fever	1

VERMONT.

Chicken pox	60
Diphtheria	9
Measles	19
Mumps	7
Pneumonia	4
Scarlet fever	11
Smallpox	3
Whooping cough	43

WASHINGTON.

Chicken pox	54
Diphtheria:	
Spokane	8
Scattering	8
Lethargic encephalitis:	
Seattle	4
Skagit County	3

WASHINGTON—continued.

	Cases.
Lethargic encephalitis—Continued.	
Spokane County	1
Walla Walla County	2
Vancouver	1
Measles	2
Mumps	20
Scarlet fever:	
Seattle	14
Tacoma	10
Scattering	39
Smallpox:	
Seattle	8
Spokane	9
Scattering	30
Tuberculosis	13
Typhoid fever	5
Whooping cough	42

WEST VIRGINIA.

Diphtheria	29
Influenza:	
Beckley	20
Charleston	70
Fairmont	40
Mannington	50
Princeton	75
Williamson	10
Scattering	20
Scarlet fever	21
Typhoid fever	2

WISCONSIN.

Milwaukee:	
Cerebrospinal meningitis	2
Chicken pox	40
Diphtheria	24
Influenza	2
Measles	596
Pneumonia	25
Scarlet fever	148
Smallpox	1
Tuberculosis	11
Whooping cough	27
Scattering:	
Cerebrospinal meningitis	1
Chicken pox	230
Diphtheria	68
German measles	4
Influenza	67
Measles	492
Pneumonia	25
Scarlet fever	162
Smallpox	52
Tuberculosis	47
Typhoid fever	4
Whooping cough	124

WYOMING.

Chicken pox	5
Diphtheria	1
Influenza	1
Lethargic encephalitis—Natrona County	1
Mumps	2
Scarlet fever	8
Smallpox	1

[1] Deaths.

Reports for Week Ended January 13, 1923.

DISTRICT OF COLUMBIA.

	Cases.
Cerebrospinal meningitis	1
Chicken pox	48
Diphtheria	26
Influenza	26
Measles	20
Scarlet fever	29
Tuberculosis	20
Whooping cough	53

KENTUCKY.

Chicken pox	32
Diphtheria:	
Jefferson County	13
Scattering	12
German measles	2
Influenza	958
Measles:	
Caldwell County	10
Christian County	30
Crittenden County	18
Graves County	8
Harlan County	9
Henderson County	16
Hopkins County	68
Livingston County	12

KENTUCKY—continued.

	Cases.
Measles—Continued:	
Logan County	42
Lyon County	15
McCracken County	79
Monroe County	25
Scattering	17
Mumps	1
Pneumonia	70
Scarlet fever	13
Trachoma	7
Tuberculosis:	
Jefferson County	18
Scattering	3
Typhoid fever	4
Whooping cough	19

NORTH DAKOTA.

Chicken pox	4
Diphtheria	8
Measles	24
Pneumonia	5
Scarlet fever	38
Smallpox	10
Tuberculosis	2
Typhoid fever	2
Whooping cough	2

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week.

State.	Cerebrospinal meningitis.	Diphtheria.	Influenza.	Malaria.	Measles.	Pellagra.	Poliomyelitis.	Scarlet fever.	Smallpox.	Typhoid fever.
DECEMBER, 1922.										
District of Columbia	1	87	9	.....	51	.....	1	90	.....	10
Florida	.....	107	134	85	3	13	1	4	17	31
Idaho	.....	31	.....	.....	2	.....	1	23	17	9
Louisiana	4	207	16	73	9	8	1	39	36	101
Michigan	.....	1,087	.....	.....	351	.....	4	1,407	233	76
New York	14	1,870	325	4	1,817	.....	33	2,042	15	158
North Dakota	.....	102	.....	.....	38	.....	.....	201	68	13
West Virginia	5	401	1,730	.....	330	.....	.....	272	10	54
Wisconsin	7	510	129	.....	3,447	.....	2	868	171	23

SUMMARY OF CASES REPORTED MONTHLY BY STATES—Continued.

Cases of Certain Communicable Diseases Reported for the Month of November, 1922, by State Health Officers.

State.	Number of cases reported.								
	Chicken pox.	Diphtheria.	Measles.	Mumps.	Scarlet fever.	Smallpox.	Tuberculosis.	Typhoid fever.	Whooping cough.
Alabama	40	200	3	1	43	5	63	74	10
Arizona [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	114	125	5	8	52	4	101	70	29
California	482	1,189	79	103	891	66	628	94	257
Colorado	85	133	10	26	166	147	124	53	8
Connecticut	238	391	645	75	376	3	159	18	246
Delaware	31	19	25	.....	67	.....	16	9	10
District of Columbia	42	114	8	.....	50	0	107	9	56
Florida	.....	122	3	1	6	3	131	39	4
Georgia [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	52	32	.....	.....	20	22	.....	11	1
Illinois	1,362	2,297	606	315	1,419	179	1,634	173	621
Indiana	.....	934	206	.....	481	49	89	49	.....
Iowa	.....	539	5	.....	448	13	.....	(3)	.....
Kansas	290	686	47	27	630	21	206	48	65
Kentucky [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	5	182	2	1	41	21	178	70	28
Maine	89	120	52	.....	134	1	46	18	144
Maryland	222	466	404	129	307	.....	171	125	.....
Massachusetts	661	1,263	1,164	449	809	1	538	75	1,059
Michigan	876	1,315	109	79	1,173	97	419	117	457
Minnesota	431	858	26	.....	982	174	240	33	79
Mississippi	297	330	510	78	58	30	184	101	587
Missouri [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana	152	54	7	1	93	18	18	12	6
Nebraska	130	219	11	9	322	5	23	13	9
Nevada [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	565	1,117	1,280	.....	605	1	382	131	551
New Mexico	125	123	3	2	32	.....	109	43	1
New York	1,810	1,935	762	900	1,735	5	1,771	225	1,383
North Carolina	377	1,254	201	.....	533	108	.....	56	434
North Dakota	22	38	16	1	144	39	70	26	14
Ohio	1,424	2,213	1,060	57	1,878	137	468	163	328
Oklahoma	11	74	.....	.....	48	7	14	17	12
Oregon	84	67	6	6	55	43	44	25	6
Pennsylvania [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	14	158	522	.....	43	.....	23	11	42
South Carolina	33	400	.....	.....	47	1	13	17	.....
South Dakota	37	92	15	.....	194	39	70	16	6
Tennessee [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas [3]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	195	44	14	.....	113	0	12	5	221
Virginia	462	1,411	163	.....	631	13	212	77	.....
Washington	509	91	20	86	177	70	65	52	77
West Virginia	124	535	66	.....	315	28	54	84	35
Wisconsin	633	491	2,692	.....	619	207	209	43	461
Wyoming [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Reports for November not received.
[2] Reports received weekly.
[3] Not notifiable.
[4] Reports received annually.

SUMMARY OF CASES REPORTED MONTHLY BY STATES—Continued.

Reported Cases per 1,000 Population (Annual Basis) for the Month of November, 1922.

State.	Case rates per 1,000 population.								
	Chicken pox.	Diphtheria.	Measles.	Mumps.	Scarlet fever.	Smallpox.	Tuberculosis.	Typhoid fever.	Whooping cough.
Alabama	0.20	1.01	0.02	0.01	0.22	0.03	0.32	0.37	0.05
Arizona [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arkansas	.77	.85	.03	.05	.35	.03	.68	.47	.20
California	1.59	3.91	.26	.34	2.93	.22	2.07	.31	.85
Colorado	1.06	1.66	.12	.32	2.07	1.83	1.55	.66	.10
Connecticut	2.00	3.28	5.42	.63	3.16	.03	1.33	.15	2.07
Delaware	1.65	1.01	1.33	.....	3.57	.....	.85	.48	.53
District of Columbia	1.10	2.98	.21	.....	1.31	.....	2.80	.24	1.47
Florida	.....	1.45	.04	.01	.07	.04	1.56	.46	.05
Georgia [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	1.38	.85	.....	.....	.53	.58	.....	.29	.03
Illinois	2.47	4.17	1.10	.57	2.58	.32	2.97	.31	1.13
Indiana	.....	3.80	.84	.....	1.96	.20	.36	.20	.....
Iowa	.....	2.68	.02	.....	2.22	.06	.....	(3)	.....
Kansas	1.97	4.66	.32	.18	4.28	.14	1.40	.33	.44
Kentucky [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	.03	1.21	.01	.01	.27	.14	1.18	.46	.19
Maine	1.40	1.88	.82	.....	2.10	.02	.72	.28	2.26
Maryland	1.81	3.81	3.30	1.05	2.51	.....	1.40	1.02	.....
Massachusetts	2.02	3.86	3.56	1.37	2.47	.00	1.65	.23	3.24
Michigan	2.74	4.11	.34	.25	3.67	.30	1.31	.37	1.43
Minnesota	2.13	4.23	.13	.....	4.84	.86	1.18	.16	.39
Mississippi	2.02	2.24	3.47	.53	.39	.20	1.25	.60	3.99
Missouri [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Montana	3.12	1.11	.14	.02	1.91	.37	.37	.25	.12
Nebraska	1.20	2.01	.10	.08	2.96	.05	.21	.12	.08
Nevada [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	2.07	4.10	4.70	.....	2.22	.00	1.40	.48	2.02
New Mexico	4.12	4.06	.10	.07	1.06	.....	3.60	1.42	.03
New York	2.06	2.20	.87	1.02	1.97	.01	2.01	.26	1.57
North Carolina	1.73	5.76	.92	.....	2.45	.50	.....	.26	1.99
North Dakota	.40	.70	.20	.02	2.64	.71	1.28	.48	.26
Ohio	2.88	4.48	2.14	.12	3.80	.28	.95	.33	.06
Oklahoma	.06	.42	.....	.....	.27	.04	.08	.10	.07
Oregon	1.26	1.00	.09	.09	.82	.64	.66	.37	.09
Pennsylvania [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island	.27	3.10	10.24	.....	.84	.....	.45	.22	.82
South Carolina	.23	2.82	.....	.....	.33	.01	.09	.12	.....
South Dakota	.60	1.72	.28	.....	3.63	.73	1.31	.30	.11
Tennessee [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas [2]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont	6.73	1.52	.48	.....	3.90	.00	.41	.17	7.63
Virginia	2.37	7.23	.84	.....	3.24	.07	1.09	.39	.....
Washington	4.39	.78	.17	.74	1.53	.60	.56	.45	.66
West Virginia	.90	4.27	.53	.....	2.51	.22	.43	.67	.28
Wisconsin	2.84	2.21	12.09	.....	2.78	.93	.94	.19	2.07
Wyoming [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....

[1] Reports for November not received.
[2] Reports received weekly.
[3] Not notifiable.
[4] Reports received annually.

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923.

ANTHRAX.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Missouri:			New York:		
Kansas City	1	.....	New York	1	.....

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

CEREBROSPINAL MENINGITIS.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 6, 1923.		City.	Median for previous years.	Week ended Jan. 6, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
California:				Minnesota:			
Los Angeles	0	2	1	Minneapolis	0		1
San Francisco	0	1	1	New Jersey:			
Connecticut:				Jersey City	0	1	
Hartford	0	1		Ohio:			
Illinois:				Cleveland	0		1
Chicago	1	1		Pennsylvania:			
Indiana:				Pittsburgh	0	1	
Hammond	0		1	Rhode Island:			
Louisiana:				Providence	0		1
New Orleans	0	1	1	Tennessee:			
Massachusetts:				Memphis	0	1	
Lawrence	0	1		Texas:			
Springfield	0	1		San Antonio	0		2
Michigan:							
Detroit	0	1					

DIPHTHERIA.

See p. 162; also Current State summaries, p. 148, and Monthly summaries by States, p. 152.

INFLUENZA.

City.	Cases.		Deaths, week ended Jan. 6, 1923.	City.	Cases.		Deaths, week ended Jan. 6, 1923.
	Week ended Jan. 7, 1922.	Week ended Jan. 6, 1923.			Week ended Jan. 7, 1922.	Week ended Jan. 6, 1923.	
Alabama:				Illinois—Continued.			
Anniston	1			Danville	1		
Birmingham		3	3	Decatur		1	
Mobile		8	1	Freeport	1		
Arkansas:				Pekin	3		
Little Rock		4		Indiana:			
California:				Indianapolis			2
Berkeley	4			Kokomo			1
Long Beach		5		Kansas:			
Los Angeles	5	4	1	Topeka	1		
Oakland		1	1	Kentucky:			
San Diego		1	1	Covington		11	3
San Francisco	10	3		Louisville		23	
Santa Ana	1	2		Louisiana:			
Santa Barbara			1	New Orleans		1	2
Connecticut:				Maryland:			
Bridgeport		2	6	Baltimore	13	59	5
Greenwich	2			Massachusetts:			
Hartford	1			Boston	3	17	1
District of Columbia:				Cambridge		3	
Washington	1	3	1	Chelsea		1	2
Florida:				Everett		1	
Tampa	4			Fall River		1	1
Georgia:				Lynn		2	
Albany	1	40		New Bedford		4	
Atlanta	6	221	4	Saugus	2	6	
Augusta		16		Somerville		1	
Brunswick		43	1	Waltham		8	1
Macon		50		Winthrop		1	
Rome		17		Michigan:			
Savannah		42	6	Detroit		4	2
Illinois:				Grand Rapids		1	
Centralia	2			Jackson			1
Chicago	15	16	2	Saginaw	3		

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

INFLUENZA—Continued.

City.	Cases.		Deaths, week ended Jan. 6, 1923.
	Week ended Jan. 7, 1922.	Week ended Jan. 6, 1923.	
Minnesota:			
Minneapolis			1
Winona			1
Missouri:			
Joplin	1		
Kansas City		3	
Springfield			1
New Jersey:			
Bayonne	1		
Harrison		2	
Kearny		2	
Newark	11	17	
Orange		1	
Passaic		2	
Paterson		5	
Trenton		1	
New York:			
Albany	4	8	
Amsterdam		10	
Cohoes		1	
Cortland	1		
Jamestown		1	
New York	56	67	12
Olean		1	
Peekskill		1	1
Rochester			1
Saratoga Springs	1	2	
Watertown		8	
Yonkers	1		
North Carolina:			
Salisbury			1
Wilmington			1
Winston-Salem			2
Ohio:			
Akron	4		
Chillicothe		3	
Cincinnati	1	18	15
Cleveland	1	8	5
East Cleveland			1
Toledo			1
Youngstown			1
Oregon:			
Portland			1
Pennsylvania:			
Philadelphia	14	18	22
Rhode Island:			
Providence		1	
South Carolina:			
Charleston		111	
Greenville		53	
South Dakota:			
Sioux Falls		1	
Tennessee:			
Chattanooga		1	
Texas:			
Dallas		1	
Utah:			
Salt Lake City			1
Virginia:			
Petersburg		1	
Roanoke	10	1	3
West Virginia:			
Charleston	2	5	
Fairmont		15	
Huntington		15	4
Wisconsin:			
Milwaukee		5	

LEPROSY.

City.	Cases.	Deaths.
Texas:		
Galveston	1	

LETHARGIC ENCEPHALITIS.

City.	Cases.	Deaths.
Ohio:		
Ashtabula	1	1
Oregon:		
Portland	3	

MALARIA.

City.	Cases.	Deaths.
Alabama:		
Mobile	2	
Arkansas:		
North Little Rock	1	
Georgia:		
Brunswick	3	
Louisiana:		
New Orleans	6	1
New York:		
New York	1	
Port Chester	3	
Tennessee:		
Memphis	1	

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

MEASLES.

See p. 162; also Current State summaries, p. 148, and Monthly summaries by States, p. 152.

PELLAGRA.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Tennessee:		
Birmingham	3	1	Nashville		2
Georgia:			Texas:		
Brunswick	1	1	Dallas	1	1
North Carolina:					
Raleigh		1			

PNEUMONIA (ALL FORMS).

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Alabama:			Indiana:		
Birmingham		9	Anderson		1
Mobile		3	East Chicago		4
Montgomery		2	Fort Wayne		1
Arkansas:			Hammond		3
Little Rock	8		Indianapolis		11
California:			Kokomo		2
Alameda		1	La Fayette		1
Los Angeles	38	14	Laporte		1
Oakland	9	3	Logansport		2
Pasadena	5	2	Muncie		1
Riverside		3	South Bend		4
Sacramento		4	Iowa:		
San Diego	6	4	Burlington	10	4
San Francisco	11	7	Council Bluffs		1
San Jose		2	Muscatine		1
Santa Ana	2	1	Sioux City		1
Santa Cruz		1	Kansas:		
Colorado:			Kansas City	14	
Denver		17	Leavenworth	2	1
Pueblo		2	Topeka	6	1
Connecticut:			Wichita		8
Bridgeport	5	3	Kentucky:		
Bristol	5		Covington		6
Derby		1	Henderson	1	
Hartford	3	1	Louisville	21	
Manchester	3		Louisiana:		
New Haven	11	9	New Orleans		17
District of Columbia:					13
Washington		28	Maine:		
Florida:			Bangor	3	1
Tampa		1	Bath		1
Georgia:			Biddeford		1
Atlanta		36	Lewiston		2
Augusta		3	Portland	4	2
Brunswick		1	Sanford	4	1
Rome	4		Maryland:		
Savannah		6	Baltimore	132	47
Valdosta	1		Cumberland	1	
Illinois:			Massachusetts:		
Alton		1	Amesbury		1
Aurora	3		Arlington	2	
Blue Island	1		Attleboro		3
Chicago	327	115	Beverly	2	
Decatur	5	1	Boston		57
East St. Louis	8	3	Braintree	1	
Elgin		3	Cambridge	9	6
Evanston	1		Chelsea	5	2
Freeport	4	3	Clinton		1
Galesburg	4	1	Fall River		1
Jacksonville		5	Gardner	1	
Kewanee	2	1	Greenfield		2
La Salle		1	Haverhill		1
Mattoon	3		Holyoke	3	2
Oak Park	4	1	Lawrence	7	4
Pekin	10		Leominster		2
Peoria		8	Lowell		7
Springfield	4	3	Lynn	5	2
			Malden	2	1

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.
Massachusetts—Continued.		
Melrose	1	
Methuen	4	1
New Bedford		9
Newburyport		1
Newton		4
North Adams		1
Northbridge		1
Peabody	2	
Pittsfield		3
Quincy	2	1
Salem		3
Somerville	5	
Springfield	5	2
Taunton		3
Waltham	3	
Watertown	3	1
Westfield	2	
Winthrop		1
Woburn		1
Worcester		2
Michigan:		
Ann Arbor	3	2
Battle Creek	1	
Benton Harbor	1	
Detroit	154	74
Flint	4	2
Grand Rapids	6	1
Hamtramck	2	1
Highland Park	4	3
Jackson		1
Kalamazoo		4
Marquette		2
Muskegon	2	1
Pontiac	5	1
Port Huron	2	1
Minnesota:		
Duluth		2
Hibbing		1
Minneapolis		13
Rochester		1
St. Paul		11
Winona		2
Mississippi:		
Biloxi	2	1
Missouri:		
Kansas City	24	
St. Joseph		9
Springfield		8
Montana:		
Missoula	3	2
Nebraska:		
Lincoln	3	1
Omaha		16
Nevada:		
Reno		1
New Hampshire:		
Concord		2
Keene		1
New Jersey:		
Atlantic City	2	
Belleville	2	
Bloomfield	1	
East Orange	5	
Elizabeth		10
Englewood	1	
Garfield	2	1
Hackensack	4	
Hoboken		3
Jersey City	3	
Kearny	1	
Long Branch		1
Montclair		1
Morristown		4
Newark	94	20
Orange	3	1
Passaic	6	4
Paterson	12	
Perth Amboy		2
Plainfield	5	4
New Jersey—Continued.		
Summit		2
Trenton	36	6
West Hoboken		1
West Orange	3	1
New York:		
Albany	17	
Amsterdam	3	
Buffalo	44	12
Cohoes	4	1
Geneva		1
Glens Falls	2	
Hornell	2	1
Ithaca	2	1
Jamestown	4	
Lackawanna	1	
Lockport		2
Mount Vernon	3	2
New York	308	196
Niagara Falls	11	1
North Tonawanda	3	
Olean	5	1
Port Chester		1
Poughkeepsie	6	1
Rochester	23	10
Rome	2	
Saratoga Springs	4	2
Schenectady	3	
Syracuse	26	6
Troy		6
Watertown	7	
White Plains	3	2
North Carolina:		
Durham		4
Greensboro		4
Raleigh		2
Rocky Mount		1
Wilmington		1
Winston-Salem		5
Ohio:		
Akron	5	
Ashtabula		1
Barberton	1	
Bellaire	1	
Canton		4
Chillicothe	3	1
Cincinnati		29
Cleveland Heights	1	
Cleveland	60	31
Dayton	1	
East Cleveland	2	
Hamilton		1
Lancaster		2
Lima		3
Middletown	3	1
New Philadelphia	1	
Newark		1
Norwood		1
Piqua	1	
Salem		3
Sandusky		1
Springfield		1
Toledo		3
Youngstown		5
Zanesville		1
Oklahoma:		
Oklahoma		3
Oregon:		
Portland		6
Pennsylvania:		
Philadelphia	156	156
Rhode Island:		
Cranston		1
Cumberland	1	
Providence		18
South Carolina:		
Charleston	12	6
South Dakota:		
Sioux Falls		1

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

PNEUMONIA (ALL FORMS)—Continued.

City.	Cases.	Deaths.	City.	Cases.	Deaths.
Tennessee:			Virginia—Continued.		
Chattanooga	2		Richmond		7
Memphis		11	Roanoke		8
Nashville		2	West Virginia:		
Texas:			Bluefield		3
Amarillo	2		Charleston		4
Austin	4		Huntington		3
Beaumont		1	Morgantown	2	
Corsicana	2		Parkersburg		2
Dallas		6	Wheeling		2
Fort Worth		3	Wisconsin:		
Galveston		2	Ashland		2
Houston		1	Beloit	7	1
San Antonio		1	Kenosha		3
Utah:			Madison	1	
Salt Lake City		8	Marinette		2
Virginia:			Milwaukee		14
Alexandria		1	Oshkosh		2
Charlottesville		2	Racine		3
Norfolk		1	Sheboygan		1
Petersburg		4			

POLIOMYELITIS (INFANTILE PARALYSIS).

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 6, 1923.		City.	Median for previous years.	Week ended Jan. 6, 1923.	
		Cases.	Deaths.			Cases.	Deaths.
Massachusetts:				New York:			
Boston	0		1	New York	0	2	1
New Jersey:				Ohio:			
Paterson	0	1		Cleveland	0	2	

RABIES IN ANIMALS.

City.	Cases.	City.	Cases.
California:		Tennessee:	
Los Angeles	14	Memphis	1
Missouri:		Texas:	
Kansas City	1	Beaumont	4

RABIES IN MAN.

City.	Cases.	Deaths.
Massachusetts:		
Boston	1	1

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

SCARLET FEVER.

See p. 162: also Current State summaries, p. 148, and Monthly summaries by States, p. 152.

SMALLPOX.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 6, 1923.	
		Cases.	Deaths.
California:			
Eureka	0	3	.....
Los Angeles	2	1	.....
Oakland	0	1	.....
Sacramento	0	1	.....
San Francisco	0	2	.....
Colorado:			
Denver	9	10	5
Florida:			
St. Petersburg	.....	1	.....
Georgia:			
Augusta	0	2	.....
Illinois:			
Alton	1	1	.....
Freeport	0	5	.....
Pekin	0	1	.....
Indiana:			
Elwood	0	1	.....
Fort Wayne	0	3	.....
Kokomo	0	1	.....
Iowa:			
Council Bluffs	2	.....	1
Davenport	0	1	.....
Marshalltown	1	1	.....
Muscatine	0	1	.....
Sioux City	2	1	.....
Michigan:			
Ann Arbor	0	1	.....
Detroit	5	1	.....
Flint	1	.....	1
Minnesota:			
Duluth	0	12	.....
Minneapolis	21	10	.....
St. Paul	13	17	.....
Montana:			
Anaconda	0	1	.....
Great Falls	2	8	.....
Missoula	0	1	.....
Nebraska:			
Omaha	6	1	.....
New York:			
Jamestown	0	5	.....
North Carolina:			
Winston-Salem	0	8	.....
North Dakota:			
Fargo	4	1	.....
Ohio:			
Lancaster	0	1	.....
New Philadelphia	0	1	.....
Toledo	1	1	.....
Oregon:			
Portland	6	7	.....
Tennessee:			
Nashville	0	1	.....
Texas:			
Fort Worth	0	1	.....
Utah:			
Salt Lake City	4	5	1
Washington:			
Seattle	5	1	.....
Spokane	35	7	.....
Wisconsin:			
Ashland	0	1	.....
Janesville	0	1	.....
Superior	0	27	.....

TETANUS.

City.	Cases.	Deaths.
Alabama:		
Birmingham	.....	2
Tuscaloosa	1	1
Louisiana:		
New Orleans	.....	2
Minnesota:		
St. Paul	.....	1
Missouri:		
St. Louis	1	1
Nebraska:		
Omaha	.....	1
New Jersey:		
Newark	2	.....
North Carolina:		
Durham	.....	2
South Carolina:		
Charleston	.....	2
Tennessee:		
Nashville	.....	1
Texas:		
San Antonio	.....	1

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

TUBERCULOSIS.

See p. 162; also Current State summaries, p. 148.

TYPHOID FEVER.

The column headed "Median for previous years" gives the median number of cases reported during the corresponding weeks of the years 1915 to 1922, inclusive. In instances in which data for the full eight years are incomplete, the median is that for the number of years for which information is available.

City.	Median for previous years.	Week ended Jan. 6, 1923.	
		Cases.	Deaths.
Alabama:			
Birmingham	1	2	
Mobile	0		1
Arkansas:			
Hot Springs	0	2	
North Little Rock	0	1	
California:			
Eureka	0	1	
Long Beach	0	1	
Los Angeles	1	1	
San Francisco	1	1	
Connecticut:			
Hartford	0		1
District of Columbia:			
Washington	2	3	
Florida:			
Tampa	0	1	
Georgia:			
Valdosta	0	1	
Illinois:			
Chicago	5	3	
Indiana:			
Hammond	0	1	
Indianapolis	1		1
Iowa:			
Council Bluffs	0	1	
Kentucky:			
Louisville	2		1
Louisiana:			
New Orleans	5	3	
Maine:			
Biddeford	0	1	
Maryland:			
Baltimore	3	2	
Frederick	0	1	
Massachusetts:			
Boston	1	1	
Chelsea	0	1	
Haverhill	0		1
Lynn	0	1	
North Adams	0	2	
Northampton	0	1	
Southbridge	0	1	
Springfield	0	1	
Waltham	0	1	
Michigan:			
Detroit	3	3	
Grand Rapids	1	2	
Minnesota:			
Rochester	0	1	
Missouri:			
St. Louis	3	1	
Nevada:			
Reno	0		1
New Jersey:			
Morristown	0	2	
Newark	0	1	
Phillipsburg	0	1	
West Hoboken	0	1	1
New York:			
Albany	0	1	
Buffalo	1	1	
New York	12	14	1
Newburgh	0		1
Poughkeepsie	0	1	
Troy	0	1	
Ohio:			
Cleveland	2	5	1
Sandusky	0	1	
Oregon:			
Portland	0	1	
Pennsylvania:			
Easton	0	1	
Erie	1	2	
Johnstown	0	2	
McKeesport	0	2	
Philadelphia	7	5	1
Pittsburgh	2	3	
Sharon	0	1	
Tamaqua	0	1	
South Carolina:			
Charleston	1		1
Tennessee:			
Knoxville	0	1	
Memphis	1	1	
Texas:			
Austin	0	1	
Dallas	0	1	1
Galveston	0	1	
San Antonio	0		1
Virginia:			
Norfolk	0	1	
Richmond	1	3	1
Washington:			
Seattle	1	3	
Spokane	0	4	
Tacoma	0	1	
West Virginia:			
Charleston	0		1
Huntington	0		1
Morgantown	0	1	
Wheeling	0	2	

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alabama:										
Birmingham	178,806	79	2				5		4	6
Mobile	60,777	33	3						1	2
Montgomery	43,461	15								
Tuscaloosa	11,996	1								
Arkansas:										
Hot Springs	11,695	4								
Little Rock	65,142		1		2		2		3	
North Little Rock	14,048		4	1						
California:										
Alameda	28,806	6					1			
Eureka	12,923	4	2		2				1	1
Glendale	13,536	10								1
Long Beach	55,593	26	3		2		1			
Los Angeles	576,673	207	35	2	11		28	1	54	30
Oakland	216,261	46	9	1	2		8		1	2
Pasadena	45,354	8	4		1		4		2	1
Richmond	16,843	4	1							
Riverside	19,341	8							2	2
Sacramento	65,908	15	4		1		5		1	1
San Bernardino	18,721	9	1							4
San Diego	74,683	32	5		2		1		6	4
San Francisco	506,676	154	23	3	2		10		14	15
San Jose	39,642	6	3				1			
Santa Ana	15,485	4								
Santa Barbara	19,441	6								
Santa Cruz	10,917	5								1
Stockton	40,296	12	3				2			
Vallejo	21,107	2								
Colorado:										
Denver	256,491	85	39	4	2		6	1		9
Pueblo	43,050	11	5	2	1		1		2	2
Connecticut:										
Bridgeport	143,555	34	6	2	40		14		4	2
Bristol	20,620	2			19				1	
Derby	11,238	7								
Fairfield (town)	11,475	0	2		2		2		3	
Greenwich (town)	22,123						5			
Hartford	138,036	24	6	2	9		8		3	
Manchester (town)	18,370	2							1	
Meriden (city)	29,867								1	
Milford (town)	10,193	0								
New Haven	162,537	60	3	1	44	2	9		6	2
Orange (town)	16,614						1			
Stonington (town)	10,236	2			6					
District of Columbia:										
Washington	437,571	162	18	1	22		21		27	12
Florida:										
St. Petersburg	14,237	9					1			
Tampa	51,608	18	1				2			1
Georgia:										
Atlanta	200,616	106	10		1		7			3
Augusta	52,548	22							2	1
Brunswick	14,413	7							1	1
Macon	52,995	8	1		35		1		1	
Rome	13,252		1							
Savannah	83,252	47	4						1	8
Valdosta	10,783	0								
Idaho:										
Boise	21,393	5								
Pocatello	15,001	9								1
Illinois:										
Alton	24,682	3	7				6			
Aurora	36,397	10	8		1		1		2	
Bloomington	28,725	4							1	1
Blue Island	11,424		1						1	
Centralia	12,491	5	2				1			
Chicago	2,701,705	709	211	22	161	2	92	3	129	43
Cicero	44,995	10	2		2		3		1	1
Decatur	43,818	12	3				2			
East St. Louis	66,767	15					1		1	1
Elgin	27,454	13	1	1	1		2			1
Evanston	37,234	13			2		2			
Forest Park	10,768		1							

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Illinois—Continued										
Freeport	19,669	9	7				6			
Galesburg	23,834	7	3		1		1			
Jacksonville	15,713	8								
Kewanee	16,026	11	1				1			
La Salle	13,050	3			24		1			
Mattoon	13,552	4	1							1
Oak Park	39,858	12	2		4		5			
Pekin	12,086	1	1							
Peoria	76,121	24					9			2
Quincy	35,978	10								
Springfield	59,183	23	4		38		3		2	1
Indiana:										
Anderson	29,767	7		1						
Crawfordsville	10,139	2			1					1
East Chicago	35,967	9								1
Elwood	10,790	3	1							1
Fort Wayne	86,549		12	1			1			
Frankfort	11,585	4	3							
Hammond	36,004	9	3		2		2			
Huntington	14,000	3								
Indianapolis	314,194	82	29	4	1		4		6	6
Kokomo	30,067	10	3	1			1			
La Fayette	22,486	6								
Laporte	15,158	4					2			
Logansport	21,626	7								
Mishawaka	15,195	3			62		1			1
Muncie	36,524	10					3			
South Bend	70,983	9			66		3		1	
Terre Haute	66,083	14	4		2		1	1		
Iowa:										
Burlington	24,057	10	3				4		2	1
Cedar Rapids	45,566		2				4			
Clinton	24,151	1	6	1						
Council Bluffs	36,162	14	1	1			2			
Davenport	56,727		13				2			
Des Moines	126,468		9				14			
Dubuque	39,141				24		1			
Iowa City	11,267		4							
Marshalltown	15,731						1			
Mason City	20,065	5	4							
Muscatine	16,058	7								
Ottumwa	23,003		1							
Sioux City	71,227	1	5				10		6	
Waterloo	36,230						2			
Kansas:										
Coffeeville	13,452	0					1			
Fort Scott	10,693	5	2							1
Hutchinson	23,298				1		1			
Kansas City	101,177		5		1		6		2	
Lawrence	12,456	4	4				1			
Parsons	16,028	6	1							
Salina	15,085	3	2						1	
Topeka	50,022	8	7		2		4			
Wichita	72,217	58	32	1			6		1	1
Kentucky:										
Covington	57,121	19	2				1			
Henderson	12,169	6			36					1
Lexington	41,534	19	2				1			2
Louisville	234,891	80	15	2	2		4		14	
Paducah	24,735				44					
Louisiana:										
New Orleans	387,219	160	16	1			2		17	13
Maine:										
Auburn	16,985	8					6			1
Bangor	25,978		1				1			
Bath	14,731	8								
Biddeford	18,008	9								1
Lewiston	31,791	12					3		3	
Portland	69,272	30	9		30		1			
Sanford (town)	10,691	3	1				1			
Waterville	13,351						1			
Maryland:										
Baltimore	733,826	270	64	1	31		29		35	2
Cumberland	29,837	6	1		5		1			
Frederick	11,066	7	3		2					

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massachusetts:										
Adams (town)	12,967	2	1				1			
Amesbury (town)	10,036	4								
Arlington (town)	18,665	6	1		2		3			
Attleboro	19,731	8			14					2
Belmont (town)	10,749	4			6					
Beverly	22,561	5	1							
Boston	748,060	255	66	4	63		56		18	15
Braintree (town)	10,580	1			10		1		1	
Brookline	37,748	16	3		3		1			
Cambridge	109,694	39	6	1	22	1	6		4	3
Chelsea	43,184	27	2		25		5			
Chicopee	36,214	10								1
Clinton	12,979	4					1			
Danvers	11,108		3	1						
Dedham	10,792	5								
Everett	40,120	9	3		4		2			1
Fall River	120,485	45	15	4	87	5	9		6	3
Framingham	17,033	2					1		1	
Gardner	16,971		1				5			
Greenfield	15,462	3	1							
Haverhill	53,884	26	2	1	1		7	1	1	1
Holyoke	60,203	20	5				1		2	2
Lawrence	94,270	22	4		1		1		2	
Leominster	19,744	9							1	
Lowell	112,759	22	9	2	12		3			1
Lynn	99,148	20	6		80		5		6	1
Malden	49,103	14	2		4		2		3	
Medford	39,038	3			12		3		1	
Melrose	18,204	5	1				4		1	
Methuen	15,189	5								
New Bedford	121,217	43	6	1	183	4	4		4	2
Newburyport	15,618	4			4		2			
Newton	46,054	12	1		7		6		3	1
North Adams	22,282	7					1			
Northampton	21,951	4					2			
Northbridge	10,174	3								
Peabody	19,552	7	1				1		1	
Pittsfield	41,763	13	3				11			1
Plymouth	13,045	4								
Quincy	47,876	5	1				5			
Salem	42,529	17	2	1	3		2			
Saugus	10,874	2			2		1		1	
Somerville	93,091	39	10	2	8		14		2	2
Southbridge	14,245	2								
Springfield	129,614	36	5	1	7		2		3	2
Taunton	37,137	15			17		4		3	1
Wakefield	13,025	5	1						1	1
Waltham	30,915	12	3				7		1	2
Watertown	21,457	4	2				2			
Webster	13,258	5			1		1		1	1
West Springfield	13,443	2								
Westfield	18,604	7	2	1					1	
Winthrop	15,455	5			1					
Woburn	16,574	2								
Worcester	179,754	37	6	1			11		7	2
Michigan:										
Alpena	11,101		1							
Ann Arbor	19,516	8			2		2			1
Battle Creek	36,164		4				4			
Benton Harbor	12,233	5	3		30		2			
Detroit	993,678	282	75	5	15	1	72	2	35	11
Flint	91,599	26	11		4		19		2	1
Grand Rapids	137,634	37	10		1		17		2	
Hamtramck	48,615	14	5	2						1
Highland Park	46,499	10	3		1		11		1	
Holland	12,183						4			
Jackson	48,374	10					6			1
Kalamazoo	48,487	22	6	1	2		8		1	1
Marquette	12,718	4								
Muskegon	36,570	8	8				2			
Pontiac	34,273	7	2				2		1	2
Port Huron	25,944	6	1				5			
Sault Ste. Marie	12,096	3	1							

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Minnesota:										
Duluth	98,917	13	4		19		9		2	
Faribault	11,089	1					4			
Hibbing	15,089	3					8			
Mankato	12,469								1	
Minneapolis	380,582	104	44		3		57	1	20	3
Rochester	13,722	13	4							
St. Cloud	15,873		2						1	
St. Paul	234,698	68	28	2	27		54		8	6
Winona	19,143	8	2		1		1		1	
Mississippi:										
Biloxi	16,937	3								
Missouri:										
Joplin	29,902						1			
Kansas City	324,410		9		1		9		16	
St. Joseph	77,939	50	5				3			2
St. Louis	772,897	227	55	2	22		29	1	21	12
Springfield	39,631	25								3
Montana:										
Anaconda	11,668	2					2			
Billings	15,100	4	2	1						
Great Falls	24,121	9					1			1
Helena	12,037	5			1					
Missoula	12,668	7					2			
Nebraska:										
Lincoln	54,948	20	7	2	1		1			
Omaha	191,601	56	9				2			2
Nevada:										
Reno	12,016	6					1			
New Hampshire:										
Concord	22,167	10					2			
Dover	13,029	6								
Keene	11,210	1	1							
New Jersey:										
Asbury Park	12,400	4					1			
Atlantic City	50,707	9			112	2			2	
Bayonne	76,754		2				2		2	
Belleville	15,660				9					
Bloomfield	22,919	0	1		4		2			
Clifton	26,470	2			10		2			
East Orange	50,710	4			15		1		3	
Elizabeth	95,783		10		107	1	10		2	1
Englewood	11,627	2								
Garfield	19,381	7	1		3		1			
Hackensack	17,667	3					3			
Harrison	15,721		2		1		1			
Hoboken	68,166	21	7		1				2	3
Jersey City	298,103		28		14		14		5	
Kearny	26,724	5					1		1	
Long Branch	13,521	8							1	
Montclair	28,810	5					3			
Morristown	12,548	11			88				1	
Newark	414,524	112	23	4	158	2	21		10	6
Orange	33,268	8			24				2	
Passaic	63,841	23	4	1	27		5		2	1
Paterson	135,875		15		2		2		1	
Perth Amboy	41,707	10	3				3		1	1
Phillipsburg	16,923	3	2							
Plainfield	27,700	9			2		2		1	
Summit	10,174	2			1					
Trenton	119,289	48	44	5	7		12		5	3
Union (town)	20,651		1				2			
West Hoboken	40,074	6	1		1		1		1	
West New York	29,926	3			1		2		1	
West Orange	15,573	4	1		52		1			
New Mexico:										
Albuquerque	15,157	6	4	1			1		3	2
New York:										
Albany	113,344		3		7		5		2	
Amsterdam	33,524	6	8	1	1					
Auburn	36,192	10	6	1						
Buffalo	506,775	169	13	3	143		22		21	8
Cohoes	22,987	4								
Geneva	14,648	2								

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
New York—Continued.										
Glens Falls	16,638	3								
Hornell	15,025	1								
Hudson	11,745	5								
Ithaca	17,004	8					2		1	1
Jamestown	38,917	9	2		1		1			
Lackawanna	17,918	1			3		6		1	
Lockport	21,308	8			1				1	1
Mount Vernon	42,726	10	1		39		2			
New York	5,620,048	1,471	212	17	246	3	210	2	[1] 127	[1] 102
Newburgh	30,366	6			1		1			
Niagara Falls	50,760	11	2	1	2		4		2	
North Tonawanda	15,482	5			2		5			1
Ogdensburg	14,609	5								1
Olean	20,506	4	1		10	1	1			
Peekskill	15,868	4	1				8			
Plattsburg	10,909	4								
Port Chester	16,573	4	3							
Poughkeepsie	35,000	12			1		2		3	
Rochester	295,750	68	8	2	97		1		10	2
Rome	26,341	15					1			
Saratoga Springs	13,181	4					2		1	
Schenectady	88,723	18	4				4		2	
Syracuse	171,717	52	28	3	4		13		6	1
Troy	72,013	30	3		1					
Watertown	31,285	11								
White Plains	21,031	7					3			
North Carolina:										
Durham	21,719	8	3				2			
Greensboro	15,861	14								
Raleigh	24,418	22	2				1			1
Rocky Mount	12,742	10								
Salisbury	13,884	11								1
Wilmington	33,372	10	2				1			1
Winston-Salem	48,395	16			1		4			1
North Dakota:										
Fargo	21,961	0					2			
Grand Forks	14,010						1			
Ohio:										
Akron	208,435	28	7		2		16		1	
Ashtabula	22,082	7								
Barberton	18,811	4			1		4			
Bellaire	15,061				1					
Bucyrus	10,425	1					1			
Cambridge	13,104	2	1		4		1			
Canton	87,091	23	4		1				1	2
Chillicothe	15,831	3	4				2			
Cincinnati	401,247	173	19		3				15	
Cleveland	796,841	225	47	2	67		128	3	25	16
Cleveland Heights	15,236						4		1	
Coshocton	10,847						2			
Dayton	152,559	50	9				9		1	
East Cleveland	27,292	3	1				4		1	
East Youngstown	11,237	2		1						
Findlay	17,021	6			52					1
Hamilton	39,675	17	1	1	2					4
Lancaster	14,706	7	4							
Lima	41,326	10	1				1			
Lorain	37,295		3		35		4			
Mansfield	27,824	6			39	1			1	
Marion	27,891		3				1		2	
Martins Ferry	11,634	3	1		26					
Middletown	23,594	3	1							
New Philadelphia	10,718		1							
Newark	26,718	4			1		1			
Niles	13,080	0					3		1	
Norwood	24,966	1			1		1			
Piqua	15,044	3					1			
Salem	10,305	4	2				1			
Sandusky	22,897	8	1		1		1			
Springfield	60,840	11	2		1		2			1
Steubenville	28,508	6					1		1	
Tiffin	14,375	1	1	1						
Toledo	243,164	56	25	2	479	1	24		5	1
Youngstown	132,358		21	1	4				2	2
Zanesville	29,569	12	1		45		1			2

[1] Pulmonary tuberculosis only.

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Oklahoma:										
Oklahoma	91,295	15	3		2		3			2
Tulsa	72,075				4		2			
Oregon:										
Portland	258,288	65	12				5		3	7
Pennsylvania:										
Allentown	73,502		19		48		7		1	
Altoona	60,331		4		25		2			
Ambridge	12,730		1		25					
Beaver Falls	12,802		3		7					
Berwick	12,181		1				5			
Bethlehem	50,358		12		4		6			
Braddock	20,879		1		4					
Bristol	10,273		2		12					
Butler	23,778		1		2		2			
Canonsburg	10,632		1		5				1	
Carbondale	18,640		1							
Carnegie	11,516				44					
Carrick	10,504				7		4		1	
Chambersburg	13,171				7		5			
Charleroi	11,516		1				1			
Chester	58,030		2		61		3			
Coatesville	14,515				20		1			
Dickson	11,049				1					
Donora	14,131				8					
Dubois	13,681		5							
Duquesne	19,011				84					
Easton	33,813				4					
Erie	93,372		2		1		1		9	
Farrell	15,586				10		1			
Greensburg	15,033		2		11					
Harrisburg	75,917		3		79		18			
Hazelton	32,277		1				1			
Homestead	20,452		3		5		1		1	
Jeannette	10,627		1						1	
Johnstown	67,327		4		2		1			
Lancaster	53,150		4		4		9			
Lebanon	24,643		1		65		8			
McKees Rocks	16,713		1		6					
McKeesport	46,781		3				2		2	
Monessen	18,179		3		1		1			
Mount Carmel	17,469		1						1	
Nanticoke	22,614		1							
New Castle	44,938		2				2			
New Kensington	11,987				7					
Norristown	32,319				98					
Oil City	21,274		1		3					
Philadelphia	1,823,779	719	77	10	944	27	47	1	49	55
Phoenixville	10,484				100					
Pittsburgh	588,343		53		418		48		12	
Pittston	18,497		1							
Plymouth	16,500		3							
Pottstown	17,431				4					
Punxsutawney	10,311		3		2		1			
Reading	107,784				177		1			
Scranton	137,783		7		22		3			
Sharon	21,747		1							
Shenandoah	24,726		1							
Steelton	13,428				86				1	
Sunbury	15,721						1			
Swissvale	10,908				6					
Tamaqua	12,363		1		6		1			
Uniontown	15,692				1		4			
Washington	21,480						2		2	
West Chester	11,717		1		78		3			
Wilkes-Barre	73,833		1				5			
Wilkisnburg	24,403		8				1			
Williamsport	36,198						2			
Woodlawn	12,495		1		9					
York	47,512		1		1		5		1	
Rhode Island:										
Cranston	29,407	5			4					
Cumberland (town)	10,077	2			20					
Newport	30,255	3					1			
Providence	237,595	85	9	1	111		8			

CITY REPORTS FOR WEEK ENDED JANUARY 6, 1923—Continued.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Continued.

City.	Population Jan. 1, 1920.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
South Carolina:										
Charleston	67,957	29	1							
Columbia	37,524								1	
Greenville	23,127	12								1
South Dakota:										
Sioux Falls	25,202	10	3		2		1			1
Tennessee:										
Chattanooga	57,895		4				1			
Knoxville	77,818		2						2	2
Memphis	162,351	68	3	1	100		4	1	7	7
Nashville	118,342	28	2		1		2		7	2
Texas:										
Amarillo	15,494		1				3		1	
Austin	34,876	6	2				1		1	
Beaumont	40,422	9								2
Corpus Christi	10,522	3	3							
Corsicana	11,356	1								
Dallas	158,976	47	10	1	1		3		3	2
El Paso	77,560	35	1		37	2			6	8
Fort Worth	106,482	25	6	1			1		5	1
Galveston	44,255	11	1				2		1	2
Houston	138,276	28	5				6			5
San Angelo	10,050	13		1						4
San Antonio	161,379	66	2				1			6
Waco	38,500	3	1							1
Utah:										
Salt Lake City	118,110	34	3		1		1		1	1
Vermont:										
Barre	10,008						2			
Burlington	22,779	3	5				1			
Rutland	14,954	6					1			
Virginia:										
Alexandria	18,060	9			1					1
Charlottesville	10,688	5	1							
Lynchburg	30,070	12	3				1		2	1
Norfolk	115,777		10				2		4	4
Petersburg	31,012	11	1							
Richmond	171,667	60	16				9		13	4
Roanoke	50,842	19	2				3			
Washington:										
Bellingham	25,585						2			
Seattle	315,312		5		2		8		9	
Spokane	104,437		5				7			
Tacoma	96,965		3		2		8		5	
Yakima	18,539		1				2			
West Virginia:										
Bluefield	15,282	7	1							
Charleston	39,608	19	1				1		3	1
Clarksburg	27,869	3			2		1			
Fairmont	17,851		1				1			
Huntington	50,177	16	3				2			
Morgantown	12,127		2				1		1	
Moundsville	10,669	2					1			
Parkersburg	20,050	5	1				1			
Wheeling	56,208	16	4	1	72		4		3	
Wisconsin:										
Appleton	19,561	7	5				1			
Ashland	11,334	7							1	
Beloit	21,284	6	1		4		6		1	
Eau Claire	20,906				1					
Fond du Lac	23,427	5			2					
Green Bay	31,017						4			
Janesville	18,293	2			4		2			
Kenosha	40,472	7	1		75		5			
Madison	38,378	3	1		1		1		1	
Manitowoc	17,563				1				1	
Marinette	13,610	7					1		1	1
Milwaukee	457,147	92	32	7	609		66	1	15	6
Oshkosh	33,162	14	5				4	1		
Racine	58,593	9	2		30		3			1
Sheboygan	30,955	4	9			1				
Stevens Point	11,371						3			
Superior	39,671	6								
Waukesha	12,558						1			
Wausau	18,661		4		1					
West Allis	13,745				13		1		1	
Wyoming:										
Cheyenne	13,829	4								

FOREIGN AND INSULAR.

AZORES.

Plague—St. Michaels Island.

During the period November 26–December 9, 1922, 34 cases of plague with 9 deaths were notified on St. Michaels Island, Azores. Of these, three cases occurred at the port of Ponta Delgada.

CANADA.

Communicable Diseases—Ontario—December, 1922 (Comparative).

During the month of December, 1922, communicable diseases were notified in the Province of Ontario, Canada, as follows:

Disease.	December 1922.		December, 1921.	
	Cases.	Deaths.	Cases.	Deaths.
Cerebrospinal meningitis	6	6	5	3
Diphtheria	315	40	743	60
Measles	359	1	94	2
Pneumonia:				
Influenzal	.....	18	.....	4
Primary	.....	282	.....	215
Poliomyelitis (infantile paralysis)	4	1	1	.....
Scarlet fever	449	14	600	16
Smallpox	51	1	128	.....
Typhoid fever	54	17	28	5
Tuberculosis	196	122	174	139
Whooping cough	234	8	95	9

Venereal Diseases—December, 1922 (Comparative).

During the month of November, 1922, there were reported in the Province of Ontario 3 cases of chancroid, 179 of gonorrhea, and 133 of syphilis, as compared with 5 cases of chancroid, 230 of gonorrhea, and 183 of syphilis reported for the month of December, 1921.

CHILE.

Typhus Fever—Antofagasta—Nitrate Region.

Information dated December 5, 1922, shows spread of typhus fever at Antofagasta, Chile. A case, with fatal termination, was reported during the week ended November 11, 1922, in a laborer arrived from the south.[1] The patient was later stated to have come from Taltal, a coast town. Spread of the disease at Antofagasta was reported as

[1] Public Health Reports, Dec. 15, 1922, p. 3122.

follows: November 28, 4 cases; November 29, 2 cases; November 30, 1 case; December 4, 2 cases from a nitrate center in the interior; December 5, 1 death and a case from a nitrate center; making a total of 10 cases present December 5, and a history of 2 fatalities. On December 5, 1922, measures to prevent further spread were stated to be in force, including disinfection of railway cars and medical examination of arrivals at the port.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Dec. 21-31, 1922.		Remaining under treatment Dec. 31, 1922.
	Cases.	Deaths.	
Chicken pox	5		4
Diphtheria	3		5
Leprosy			10
Malaria	70	3	[1] 62
Measles	1		1
Paratyphoid fever			5
Scarlet fever			2
Typhoid fever	17	5	[2] 94

[1] From the interior, 35; from abroad, 2.
[2] From the interior, 30.

CZECHOSLOVAKIA.

Communicable Diseases—October, 1922.

Communicable diseases were reported in Czechoslovakia during the month of October, 1922, as follows:

Disease.	Cases.	Deaths.	Provinces reporting greatest number of cases.
Cerebrospinal meningitis	13	6	Bohemia, 8 cases.
Diphtheria	335	30	Bohemia, 185 cases.
Scarlatina	1,221	103	Moravia, 400 cases.
Smallpox	3		Bohemia; Moravia; Slovakia.
Trachoma	222		Slovakia, 81 cases.
Typhoid fever	641	53	Slovakia, 313 cases.
Typhus fever	1		Ruthenia.

Dysentery—Rabies—Malaria—October, 1922.

During the same period, 177 cases of dysentery with 35 deaths, 2 fatal cases of rabies, and 5 cases of malaria were reported.

ECUADOR.

Plague-Infected Rats—Guayaquil.

During the period December 1–15, 1922, out of 4,100 rats examined, 6 rats were found plague infected.

HAITI.

Bacillary Dysentery.

Under date of December 26, 1922, bacillary dysentery was stated to be endemic in certain sections of the Republic of Haiti.

INDIA.

Anthrax—Burma—October, 1922.

The veterinary department of Burma, India, during the month of October, 1922, reported outbreaks of anthrax, occurring in the military police lines, Pyawbwe, Yamethin district, and in two townships each of the districts of Mandalay and Meiktila, Burma.

Anthrax—Madras Presidency—September, 1922.

During the month of September, 1922, 206 deaths from anthrax in the Presidency of Madras, India, were reported by the civil veterinary department of the Presidency.

IRELAND.

Outbreak of Typhus Fever—Belmullet.

Information dated December 14, 1922, shows an outbreak of typhus fever at Belmullet, County Mayo, Ireland. The disease was stated to have appeared about June 15, 1922, and to have continued to appear at intervals with a total of 20 cases reported to December 14, 1922. The origin of the outbreak was attributed to overcrowding in an unused coast-guard station in which refugee families had taken shelter. Belmullet was stated to be a long-recognized typhus fever district, the population being congested, living in poor economic conditions and housing animals in dwellings.

JAMAICA.

"Alastrim."

During the three weeks ended December 30, 1922, 75 new cases of "alastrim" were reported in the island of Jamaica.

Typhoid Fever—Kingston and Vicinity.

During the same period, 12 cases of typhoid fever were reported at Kingston, Jamaica, and 23 cases in the surrounding country.

JAPAN.

Plague—Osaka.

Under date of December 12, 1922, plague was reported spreading in Osaka, Japan, a city of 1,252,972 population, situated 20 miles east of Kobe. Sporadic outbreaks began to appear in July, 1922,

and the cases officially reported during the period July 1 to November 30, 1922, are as follows:

Period.	New cases.	Period.	New cases.
July 1-10	1	Oct. 1-10	4
July 11-20	7	Oct. 11-20	7
July 21-31	4	Oct. 21-31	11
Aug. 1-10	0	Nov. 1-10	11
Aug. 11-20	0	Nov. 11-20	11
Aug. 21-31	0	Nov. 21-30	13
Sept. 1-10	0		
Sept. 11-20	1	Total	70
Sept. 21-30	0		

A sharp increase in the number of new cases is shown for the latter part of October and the month of November, and it is stated that the disease has spread from the district in which it originated to two other wards of the city.

The sanitary authorities have taken measures to suppress the disease, including quarantine, rat-proofing, and rat eradication. Plague-infected rats have been killed in all sections of the city.

The American consul at Kobe has taken precautionary measures to prevent the transmission of the disease to the United States. These measures were adopted shortly after the appearance of the first case of the disease, and consist of the following:

1. All vessels leaving Osaka Harbor for the United States must be fumigated before a bill of health is granted.
2. All merchandise which may carry infected fleas, such as rags, old clothing, etc., must be thoroughly disinfected before shipment to the United States.
3. All merchandise which may attract rats, such as fruits and vegetables, must be packed in crates into which rats can not enter, before shipment to the United States.

PANAMA CANAL.

Communicable Diseases—November, 1922.

Communicable diseases were notified for the Panama Canal during the month of November, 1922, as follows:

Disease.	Canal Zone.	Colon.	Panama.	Nonresident.	Total.
Chicken pox	6	6	1	3	16
Diphtheria	3	1	17	1	22
Dysentery	1	1	5	1	8
Hookworm disease	19	11	13	26	69
Malaria	70	8	15	31	124
Measles			1		1
Mumps		1		1	2
Pneumonia	1	2	8		11
Poliomyelitis	1				1
Scarlet fever	1				1
Tuberculosis	5	6	11	10	32
Typhoid fever		1		1	2

Quarantine Against Ports in Chiriqui Province Removed.

Inspection of the western portion of Chiriqui Province, Republic of Panama, of which report was received under date of December 26, 1922, shows practically no smallpox present there. Varicella (chicken pox) was stated to be prevalent. In the eastern portion of the Province a few cases of smallpox were believed to be present in the vicinity of Remedios. It was stated that there was very little maritime communication with that portion of the Republic.

The quarantine circular issued by the chief quarantine officer, Panama Canal, December 22, 1921, imposing maritime quarantine against Chiriqui Province, Republic of Panama, on account of the presence there of smallpox, was declared canceled December 26, 1922.

RUSSIA.

Communicable Diseases—Esthonia—November, 1922.

Communicable diseases were notified in the Province of Esthonia, Russia, during the month of November, 1922, as follows:

Disease.	Cases.	Remarks.
Diphtheria	35	
Measles	120	
Scarlet fever	93	
Smallpox	33	
Tuberculosis	130	
Typhoid fever	51	
Typhus fever	1	
Typhus fever, recurrent	2	Paratyphus fever, 10 cases.

SPAIN.

Plague—Barcelona.

Under date of December 18, 1922, the occurrence of a case of plague was reported at Barcelona, Spain, for the period November 15–December 18, 1922. The total number of reported cases from September 24 to November 14, 1922, was 23, with 9 deaths.

VIRGIN ISLANDS.

Disease Prevalence—November, 1922.

During the month of November, 1922, disease prevalence was reported in the Virgin Islands as follows:

Island and disease.	Cases.	Remarks.
St. Thomas and St. John:		
Chancroid	3	
Dengue	9	
Gonococcus infection	3	
Syphilis	2	Imported, 2.
St. Croix:		
Chancroid	1	
Chicken pox	3	
Dengue	1	
Dysentery	1	Entamebic.
Filariasis	3	Bancrofti.
Gonorrhea	4	
Syphilis	1	Secondary.
Tetanus	1	
Trachoma	1	
Tuberculosis	1	Chronic pulmonary.

WEST INDIES.

"Alastrim" or Smallpox—Island of Dominica.[1]

Information dated December 5, 1922, shows continued presence of "alastrim" or smallpox at Dominica, West Indies (Leeward Islands), with about 2,000 recognized cases, with no reported mortality.

Basse Terre—Island of Guadeloupe.

Information dated December 19, 1922, indicates the presence of "alastrim" at Basse Terre, Guadeloupe, Leeward Islands.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

The reports contained in the following tables must not be considered as complete or final, either as regards the list of countries included or the figures for the particular countries for which reports are given.

Reports Received During Week Ended January 26, 1923.[a]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India				Oct. 29-Nov. 11, 1922: Cases, 1,958; deaths, 1,316.
Madras	Dec. 3-9	1		

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Azores:				
St. Michaels Island				Nov. 26-Dec. 9, 1922: Cases, 34; deaths, 9. Vicinity of port.
Ponta Delgada	Nov. 26-Dec. 9	3		
Ceylon:				
Colombo	Nov. 26-Dec. 2	4	4	Plague rodents: 2.
China:				
Hongkong	do	3	2	
Ecuador:				
Guayaquil	Dec. 1-15			Rats examined, 4,100; found infected, 6.
Egypt				Jan. 1-Dec. 21, 1922: Cases, 485; deaths, 228.
India				Oct. 29-Nov. 11, 1922: Cases, 3,075; deaths, 2,069.
Bombay	Nov. 19-25	6	5	
Madras Presidency	Dec. 3-9	344	243	
Japan:				
Osaka				July 1-Nov. 30, 1922: Cases, 70.
Spain:				
Barcelona	Nov. 15-Dec. 18	1		Sept. 24-Nov. 14, 1922: Cases, 23; deaths, 9.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden	Dec. 10-16	2		
Brazil:				
Rio de Janeiro	Nov. 25-Dec. 16	27	5	
Sao Paulo	Oct. 16-22	1	1	
Canada:				
Manitoba—				
Winnipeg	Dec. 24-30	2		
Ontario				Dec. 1-31, 1922: Cases, 51; deaths, 1.
Niagara Falls	Dec. 17-30	5		
Do	Dec. 31-Jan. 6	5		
Ceylon:				
Colombo	Nov. 26-Dec. 2	1	1	

[1] Public Health Reports, Aug. 11, 1922, p. 1973, and Sept. 8, 1922, p. 2229.
[a] From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended January 26, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy	Nov. 26-Dec. 2			Present.
Canton	Oct. 1-Nov. 30			Prevalent.
Foochow	Nov. 19-Dec. 2			Present.
Manchuria—				
Harbin	Nov. 20-26	5		
Nanking	Nov. 26-Dec. 9			Do.
Chosen (Korea):				
Chemulpo	Nov. 1-30	48	29	
Fusan	do	1		
Seoul	do	1		
Czechoslovakia				Oct. 1-31, 1922: Cases, 3.
Bohemia	Oct. 1-31	1		
Moravia	do	1		
Slovakia	do	1		
Ecuador:				
Guayaquil	Dec. 1-15	6		
Great Britain:				
Liverpool	Dec. 17-23	1		From vessel.
Greece:				
Saloniki	Dec. 4-10	3		
India				Nov. 5-18, 1922: Cases, 1,390; deaths, 276.
Bombay	Nov. 19-25	1	1	
Karachi	Dec. 3-9	2		
Madras	do	9	4	
Mexico:				
Mexico City	Nov. 26-Dec. 16	26		Including municipalities in Federal District.
Nogales	Dec. 31-Jan. 6		1	
Torreon	Dec. 1-31		1	
Portugal:				
Lisbon	Dec. 4-16	39	4	
Oporto	Dec. 10-23	3	3	
Russia:				
Esthonia	Nov. 1-30	33		
Spain:				
Valencia	Dec. 17-23	1		
Syria:				
Aleppo	Dec. 10-23	14	8	
Damascus	Nov. 1-30	82	16	
Switzerland:				
Berne	Dec. 10-16	22		
Zurich	Dec. 3-16	16		
Tunis:				
Tunis	Dec. 16-22		1	
Union of South Africa:				
Cape Province	Oct. 29-Nov. 18			Outbreaks.
Southern Rhodesia	Nov. 9-15	3		
Transvaal	Oct. 29-Nov. 4			Do.
On vessel:				
———	Dec. 17-23	1		At Liverpool, England.

TYPHUS FEVER.[1]

Brazil:				
Porto Alegre	Dec. 10-16	2		
Chile:				
Antofagasta	Nov. 12-Dec. 23	21	5	Nov. 11-Dec. 5, 1922: Cases, 10; deaths, 2.
Concepcion	Nov. 21-27		4	
Talcahuano	Nov. 12-Dec. 16	8	6	
China:				
Manchuria—				
Harbin	Nov. 20-26	7		
Czechoslovakia:				
Province—				
Ruthenia	Oct. 1-31	1		
Egypt:				
Cairo	Oct. 8-21	3	2	
Ireland:				
Belmullet	June 15-Dec. 14	20		In County Mayo.

[1] Typhus fever has been reported erroneously at Brisbane, Australia, as follows: July 9-15, 1922, one case, appearing in Public Health Reports, Sept. 22, 1922, p. 2340; and Aug. 6-12, 1922, one case, appearing in Public Health Reports, Oct. 6, 1922, p. 2465.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received During Week Ended January 26, 1923—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Mexico City	Nov. 26-Dec. 16	48		Including municipalities in Federal District.
Persia:				
Teheran	Sept. 24-Oct. 24		1	
Russia:				
Esthonia	Nov. 1-30	1		Recurrent typhus fever, 2 cases.
Syria:				
Aleppo	Dec. 10-16	1	1	
Union of South Africa:				
Cape Province	Oct. 29-Nov. 18			Outbreaks.
Orange Free State	Nov. 12-18			Do.
Transvaal	Oct. 29-Nov. 18			Do.

Reports Received from December 30, 1922, to January 19, 1923.[1]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Liutaoku	Sept. 22	60	20	
Chosen (Korea):				
Yalu River Region				Sept. 22, 1922: 30 deaths reported.
India				Sept. 24-Oct. 28, 1922: Cases, 4,616; deaths, 3,070.
Bombay	Oct. 27-Nov. 4	1		
Calcutta	Nov. 12-Dec. 2	34	21	
Madras	Nov. 19-25	2	1	
Rangoon	Nov. 12-25	5	3	
Philippine Islands:				
Province—				
Laguna	Oct. 12-18	1		
Russia				Jan. 1-Oct. 7, 1922: Cases, 83,367.
Archangel (government)	Oct. 1-7	7		
Tashkent	do	27		Turkestan Republic: 3 cases reported on waterways.
Ukraine				Sept. 1-30, 1922: Cases, 119.
Donetz (Government)	Sept. 1-30	29		
Tchernigov (Government).	do	36		
Siam:				
Bangkok	Oct. 29-Nov. 4	1		

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Azores:				
Fayal Island—				
Castelo Branco	Dec. 2		2	Vicinity of Horta.
Pico Island—				
Lages	Nov. 27-Dec. 15		8	1 case present Dec. 15, 1922.
St. Michaels Island	Nov. 12-25	32	15	At localities 3-9 miles from Ponta Delgada.
Brazil:				
Bahia	Oct. 29-Nov. 18	1	1	
Porto Alegre	Nov. 19-25	1		
British East Africa:				
Kenya Colony—				
Tanganyika Territory	Oct. 15-21		1	
Ceylon:				
Colombo	Nov. 12-18	9	5	Plague rodents, 3.
China:				
Hongkong	Nov. 5-18	6	6	

[1] From medical officers of the Public Health Service, American consuls, and other sources. For reports received from July 1 to Dec. 29, 1922, see Public Health Reports for Dec. 29, 1922. The tables of epidemic diseases are terminated semiannually and new tables begun.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from December 30, 1922, to January 19, 1923—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil	Nov. 1-30	1	1	Rats examined, 8,950; found infected, 52.
Egypt				Jan. 1-Dec. 7, 1922: Cases, 484; deaths, 227.
City—				
Alexandria	Nov. 19-25	2		
Port Said	Nov. 19-27	4	2	
Suez	Nov. 18-Dec. 5	3	4	
Province—				
Assiout	Nov. 19	1		
Dakhalich	Dec. 3	1	1	Pneumonic.
Minieh	Nov 18-27	2	1	
India				Oct. 1-28, 1922: Cases, 7,569; deaths, 6,567.
Bombay	Oct. 27-Nov. 18	16	14	
Madras Presidency	Nov. 19-Dec. 2	700	449	
Madras	Nov. 19-25	1	1	
Rangoon	Nov. 12-25	16	15	
Java				Oct. 1-31, 1922: Cases, 454; deaths, 338.
East Java—				
Soerabaya	Oct. 22-28	1	1	
Soerakarta—				
Klaten	Nov. 4			Present in epidemic form.
Madagascar:				
Province—				
Moramanga				To Oct. 30, 1922: Cases, 21; deaths, 18. Pneumonic.
Tananarive				To Oct. 30, 1922: Cases, 7; deaths, 7. Septicemic. Occurring in Fenoarivo region. (See Public Health Reports, Dec. 29, 1922, p. 3237.)
Do	Oct. 23-29		1	Septicemic.
Mesopotamia:				
Bagdad	Oct. 1-31	7		
Palestine:				
Jaffa	Nov. 27-Dec. 4	1		
Peru				Nov. 1-30, 1922: Cases, 83; deaths, 42.
Localities—				
Cañete	Nov. 16-30	16	7	
Chepen	Nov. 1-15			Present.
Chiclayo	Nov. 16-30	11	7	
Eten	do	3		
Guadaloupe	Nov. 1-30	11	5	
Huacho	Nov. 16-30	2	1	
Huaral	do	1		
Jayanca	do	3	2	
Lambayeque	do	5	3	
Lima suburb	Nov. 1-30	6	1	
Lima (City)	Nov. 1-30	3	3	
Magdalena del Mar	Nov. 16-30	1		
Mosche	do	2	1	
Piura	do	8	5	
San Pedro	Nov. 1-30	5	3	
Sullana	Nov. 16-30	3	3	
Trujillo	Nov. 1-15		1	
Tuman	Nov. 16-30	3		
Portugal:				
Lisbon	Nov. 10-29	4	2	
Portuguese West Africa:				
Angola—				
Loanda	Oct. 1-28		27	Fatal cases among white population.
Siam:				
Bangkok	Nov. 12-18	2	1	
Syria:				
Beirut	Nov. 6-12	2	1	
Turkey:				
Constantinople	Nov. 22-28	2		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from December 30, 1922, to January 19, 1923—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	Dec. 1-10	1		
Arabia:				
Aden	Nov. 19-29	5	1	Nov. 26-Dec. 2, 1922: Cases, 2.
Brazil:				
Bahia	Nov. 5-11	1		
British East Africa:				
Kenya Colony—Tanganyika Territory	Oct. 8-28	12	2	
Canada:				
Manitoba—				
Winnipeg	Dec. 10-23	12		
Ontario—				
Hamilton	Dec. 31-Jan. 6	2		
Niagara Falls	Dec. 3-16	5		
Ottawa	Dec. 10-23	6		
Toronto	Dec. 10-30	2		
Saskatchewan—				
Regina	Dec. 3-23	2		
Ceylon:				
Colombo	Nov. 12-25	5	2	
Chile:				
Concepcion	Oct. 30-Nov. 20		3	
Valparaiso	Oct. 2-Nov. 5		51	
China:				
Amoy	Nov. 5-18		2	Nov. 29, 1922: Present.
Antung	Nov. 13-Dec. 10	2		
Chungking	Nov. 5-11			Present.
Foochow	Nov. 12-25			Do.
Hongkong	Nov. 5-11		1	
Manchuria—				
Mukden	Nov. 19-Dec. 2			Do.
Nanking	Nov. 5-18			Do.
Chosen:				
Chemulpo	Oct. 1-31	4		
Seoul	do	5		Oct. 1-31, 1922: Cases, 3.
Czechoslovakia				
Dominican Republic:				
Puerto Plata	Dec. 14-20	1		
Santo Domingo	Dec. 3-16			Present.
France:				
Paris	Dec. 1-10	1		
Germany:				
Bremen	Dec. 3-9	1		
Great Britain:				
London	Nov. 26-Dec. 2	1		
Greece:				
Saloniki	Nov. 6-12		1	
India:				
Bombay	Nov. 5-18	2	2	
Calcutta	Nov. 12-Dec. 2	13	8	
Karachi	Nov. 26-Dec. 2	1		
Madras	Nov. 12-Dec. 2	22	11	
Rangoon	Nov. 5-25	5	2	
Java:				
East Java—				
Soerabaya	Nov. 5-11	4		
West Java—				
Batavia	Nov. 11-17	21		Province.
Mesopotamia—				
Bagdad	Oct. 1-31	285	153	
Mexico:				
Chihuahua	Dec. 4-17		4	
Mexico City	Nov. 12-18	5		Including municipalities in Federal District.
Nogales	Dec. 10-19		1	
Sonora, State—				Nov. 1-30, 1922: Present in northern section.
Empalme	Nov. 1-30	4	1	
Peru:				
Callao	Nov. 1-15	2		
Lima (country)	do	2	1	
Poland				Oct. 1-28, 1922: Cases, 48; deaths, 14.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from December 30, 1922, to January 19, 1923—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Portugal:				
Lisbon	Nov. 19-Dec. 9	52	6	
Oporto	Oct. 15-Dec. 2	19	8	
Russia:				
Esthonia	Oct. 1-31	9		
Lettonia	do	1		
Ukraine				Jan.-Sept., 1922: Cases, 8,744.
Spain:				
Corunna	Nov. 26-Dec. 2		1	
Seville	Nov. 27-Dec. 17		24	
Valencia	Nov. 26-Dec. 16	2		
Switzerland:				
Berne	Nov. 19-Dec. 9	39		
Zurich	Nov. 19-Dec. 2	14		
Syria:				
Aleppo	Nov. 19-Dec. 9	24	12	Dec. 3-9, 1922: Present.
Tunis:				
Tunis	Dec. 1-15	2	1	
Turkey:				
Constantinople	Nov. 19-Dec. 9	73	25	
Union of South Africa				Oct. 1-31, 1922: Cases, 17. Natives.
Cape Province				Oct. 1-31, 1922: Cases, 9.
Transvaal				Oct. 1-31, 1922: Cases, 8
Yugoslavia:				
Serbia—				
Belgrade	Nov. 12-18	2	1	
On vessel:				
S. S. Huntress	Nov. 11	1		At Fremantle, Australia, from Cape Town, South Africa.

TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers	Nov. 11-20	1	1	
Brazil:				
Porto Alegre	Nov. 19-25	1		
Chile:				
Concepcion	Oct. 17-Nov. 20		4	
China:				
Antung	Nov. 13-Dec. 10	7		
Cuba:				
Matanzas	Dec. 25-31	1	1	
Czechoslovakia:				
Prague	Nov. 19-25	1		
Egypt:				
Alexandria	Nov. 19-25	1	1	
Cairo	Oct. 1-7	3	2	
Germany:				
Coblenz	Dec. 10-16	1		
Dresden	do	1		
Mexico:				
Mexico City	Nov. 12-18	15		Including municipalities in Federal district.
Palestine				Dec. 5-11, 1922: Cases, 2; in northern section.
Jaffa	Dec. 12-18	2		
Poland				Oct. 1-28, 1922: Cases, 515; deaths 39. Recurrent typhus: Cases, 725; deaths, 16.
Portugal:				
Oporto	Oct. 15-Dec. 2	1	1	
Russia				July 30-Sept. 23, 1922: Cases, 23,803.
Esthonia	Oct. 1-31			Recurrent typhus, cases, 5.
Lettonia	do	19		Recurrent typhus, cases, 4.
Ukraine	Jan.-Sept	307,329		
Ukraine, Tartar Republic and Siberia.	June 1-30	35,926		Provisional figures.
Do	July 1-31	17,262		Do.
Do	Aug. 1-31	6,864		Do.
Do	Sept. 1-30	2,388		Do.
Spain:				
Barcelona	Nov. 30-Dec. 6		2	
Turkey:				
Constantinople	Nov. 27-Dec. 2	3		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.

Reports Received from December 30, 1922, to January 19, 1923—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Union of South Africa				Oct. 1-31, 1922: Cases, 890; deaths, 78 (white—cases 4, deaths 1; colored—cases 886, deaths 77).
Cape Province				Oct. 1-31, 1922: Cases, 817, deaths, 60 (colored); white—2 cases.
Natal				Oct. 1-31, 1922: Cases, 45; deaths 13 (colored); white—1 case.
Orange Free State				Oct. 1-31, 1922: Cases, 19; deaths, 4 (colored); white—1 case, 1 death.
Transvaal				Oct. 1-31, 1922: Cases, 5 (colored).

YELLOW FEVER.

West Africa:				
Senegal—				
Saltpond				Reported present Dec. 21, 1922.
Warrai				Do.